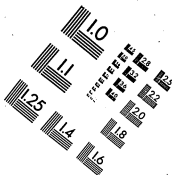
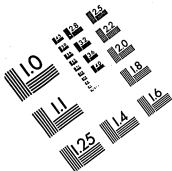




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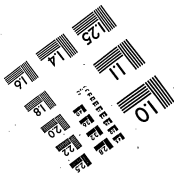
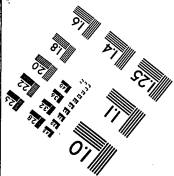
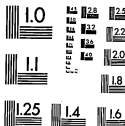
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Centimeter



Inches



Thomas A Edison Papers

A SELECTIVE MICROFILM EDITION

*PART II
(1879-1886)*

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1987

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18 June 1981

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68

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THOMAS A. EDISON PAPERS
A SELECTIVE MICROFILM EDITION
PART II
(1879-1886)

REEL 68

DOCUMENT FILE SERIES (DOC-28)

D-83-038 through D-83-042
("Electric Light - Foreign - United Kingdom - General" through
"Electric Light - Thomas A. Edison Construction Department - Canvassing")

1883. Electric Light - Foreign - United Kingdom - General (D-83-038)

This folder contains correspondence, agreements, reports, and other documents relating to the Edison electric light system in the United Kingdom. Among the correspondents are Arnold White, secretary of the Edison Electric Light Company, Ltd., and H. S. Trehearne, acting secretary of the company. Some of the documents deal with the merger of Edison's company with the Swan United Electric Light Company, Ltd. in October 1883. Related material can be found in the Records of the Edison Electric Light Company, Ltd. (Company Records Series). Several documents in this folder are partially illegible because of water damage.

Approximately 70 percent of the documents have been filmed. The following categories of documents have not been filmed: routine correspondence regarding accounts, orders, and shipments of goods; correspondence confirming cable messages; duplicate copies of selected documents; copies of cable messages filmed in Letterbooks, LM-001 and LM-002 (Letterbook Series).

74, COLEMAN STREET,
LONDON, E. C.

18TH JANUARY, 1888.

MY DEAR INSULL,

I HAVE YOUR LETTER OF DECEMBER THE 20TH AND AM MUCH OBLIGED FOR IT. I HAD A VERY BAD TIME COMING OVER, SUFFERING FROM STONE IN THE BILIARY DUCTS AND FOR THREE DAYS I WAS IN AGONY DAY AND NIGHT AND UNDER THE INFLUENCE OF OPIUM AND MORPHIA. I ARRIVED IN LONDON QUITE SHAKEN ONLY TO PLUNGE INTO A SEA OF WORRY AND TROUBLE. EVERYTHING SEEMS TO HAVE GONE TO THE DEVIL WHILE I WAS AWAY, BUT THE TONIC OF MY VISIT TO AMERICA WILL I HAVE NO DOUBT ENABLE ME TO PLACE MATTERS MORE IN ACCORDANCE WITH THE IDEAS OF YOU PEOPLE OVER THERE.

I SHALL HOPE TO SEE MR. MACHARDY AND GIVE HIM A MORE AGREEEABLE IMPRESSION THAN HE APPEARS TO HAVE OBTAINED ON HIS LAST VISIT HERE.

CAPTAIN SHAW IS GETTING OUT OF HIS SHARES AND THERE IS A PRETTY WHOLESOME FUNK ESTABLISHED ALL ROUND. EVERY LETTER I HAVE WRITTEN TO AMERICA AND EVERY LETTER I SHALL WRITE WILL CONTAIN ONE REQUEST AND THAT IS THAT MR. EDISON WILL REVEAL AS QUICKLY AS POSSIBLE THE EXACT NATURE OF THE IMPROVEMENTS AND FURNISH US WITH THEM, AS THE CRY FOR RE-

74, COLEMAN STREET,
LONDON, E. C.

OPINION AND AMALGAMATION HAS GROWN INTO A SCREAM AND I HAVE HAD TO PITCH
MY NOTE PRETTY LOW TO GET LISTENED TO AT ALL. - HOWEVER I THINK THAT IN
THE COURSE OF A WEEK OR TEN DAYS FROM THIS TIME I SHALL BE ABLE TO AN-
-NOUNCE THE PRACTICAL ACCEPTANCE OF ^{Edison's} ~~THE~~ PROGRAMME NEARLY EN BLOC. I
DO NOT BELIEVE AT THE PRESENT TIME THERE IS IN ENGLAND ONE SINGLE PER-
-SON WHO HAS IMPLICIT CONFIDENCE IN THE FUTURE OF THE COMPANY AND OF THE
EDISON SYSTEM EXCEPT MYSELF; AND THE GAME IS A VERY UPHILL ONE.

YOURS VERY TRULY,

Samuel Insull

SAMUEL INSULL ESQ.,

65, FIFTH AVENUE,

NEW YORK. U. S. A.

83-01-04

Dear Sir,

January 4, 1871

I have to thank you warmly for your letter, written to me soon after Mr. White's arrival in this State, to tell me, that the recollection of difference between yourself, & the English Co. no longer stood in the way. I felt very sure, that a frank & friendly personal interchange of ideas would have this effect. I was doubly glad that as it has proved

I have now had the opportunity of conferring fully with Mr. White on the subject, & am pleased to derive from him a happy & helpful insight of the position of affairs on their respect, on your side of the Atlantic. With us, matters have been for some time in a

in a condition which we unavoidably deemed
discovering, but I understand, from Mr. White,
that with the exercise of some patience, & the
adoption of the chief features of the course of
action indicated by yourself, it is perfectly evident
that the difficulties we have hitherto
encountered will
be surmounted.

I desire to impel, on you, the urgent necessity
which exists for our having the full benefit
of your timely assistance. The several inventions
of which we hear, to which we are led to
believe will really enable us to compete
victoriously either with gas or methods of
electric lighting, should be at our disposal

without delay, as time is a matter of
importance in every point of view. After we
have got them, we have still to make them
known & appreciated.

I earnestly beg, therefore, that you will
hasten as far as possible the transmission
to England of these improved methods, by which
the Edison light will be materially cheapened.

I am very glad, that you have
been able to arrange that the big dynamos
you had made for us, should be disposed of
elsewhere. My colleagues beg me to say
that we shall be glad too, that this transaction
should be completed as soon as possible, &
they wish the proceeds of the sale to be placed

to our credit with Prof. Deuel Morgan & Co.

I have left for myself, as well as
for the rest of the Board, that we feel extremely
indebted to you for the advice & suggestions
which have been so kindly and liberally
given from you. In recognizing their value,
we are losing no time in acting upon them.

I have, also, your kind
reply of the 21st inst. regarding the
proposed school, & am truly
grateful for the same.

A. Bouquie

J. C. Edwards

Received
Jan 11 1888

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 4 January 1883.

33
Office to
change 21 63
January
Manuel Insull Esq.
65 Fifth Avenue
New York.
U. S. A.

Dear Mr. Insull.

I send you by to day's Mail a Copy of the Provisional Order which we are applying for. Please bring it carefully to Mr. Solow's attention and get him to read it through. The Document was lodged with the Board of Trade when I got back and it was too late to get the necessary alterations made in the method of charging on Page 42, but we shall have to get it altered as a matter of practical common sense. The Lawyers advise that under the Act we cannot sell light as we are only competent to manufacture and sell Electricity, but we are thoroughly alive to the importance of the distinction. Another difficulty that has arisen is this, that O'Brien's Report to Mariner states 3000 Standard bundles as being the Light produced from 1000 Cubic feet of Gas.

Mr. Edison's statement to me was that it was 2000. The Post Office investigations and experience in this matter make it about 2700 or 2800. The explanation which I have attempted to satisfy the Post Office people with is that whereas 2700 or 2800 ought to be produced from 1000 cubic feet of gas, and would be from absolutely new burners, the burners get worn with use and as a matter of fact not more than 2000 candles of actual light are produced from 1000 cubic feet of gas and to that end we are engaging a Photometer man to go round to every gas jet in the Post Office and measure the actual out-turn of light, and on the result of this practical investigation, taking care that no burners are renewed, will depend the units to be adopted as the actual illuminating product of 1000 cubic feet of gas. —

Yours very truly
Abraham White
Perth

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 11TH JANUARY, 1883.

MY DEAR INSULL,

THE FIRST DAY I WAS IN NEW YORK EDISON SENT OFF A NOTE
TO SOMEBODY AT THE MACHINE WORKS ASKING HIM TO COUPLE UP AN L MACHINE
WITH AN ARMINGTON ENGINE SO THAT THE NUMBER OF REVOLUTIONS SHOULD NOT
BE MORE THAN ABOUT 500. I ASKED YOU TO BE GOOD ENOUGH TO KEEP HIS NOTE
IN ORDER THAT I MIGHT BRING IT HOME. THE SCOTCH ENGINEERS ARE NOW GROWL-
-ING AT THE AMOUNT OF STEAM USED BY THE BROTHERHOOD ENGINE. I AM VERY
ANXIOUS TO ^{know} ~~see~~ AS SOON AS POSSIBLE EXACTLY WHAT IT IS THAT IS DONE IN
ORDER TO AVAIL OF THE L MACHINE WITH AN ENGINE RUNNING AT A SMALLER
NUMBER OF REVOLUTIONS.

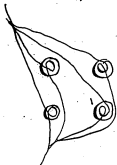
YOURS VERY TRULY,

Arnold White
per N.H.R.

SAMUEL INSULL ESQ.,

65, FIFTH AVENUE,

NEW YORK. U.S.A.



1883-01-12.

3

The Edison Electric Light Company, Limited,

Telephone No. 346.

74, Coleman Street,

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

London, E.C., 12. Jan. 1883.

J. A. Edison, Esq.

65. St. Avenue.

New York

Dear Sir

We called you on the 11th
for the Jimmy on require similar
to the one shipped per Candin in
September last, and trust that
you understood the message and
will ship at an early date
when shipping this, or any other
material for us it would be better
for you to have a complete list
of what ~~the~~ each case contains, sent
along with the bill of lading.
In the case of the Europa Dynamo

shipped per Candin, the only
advice we have had is a memo
with a bill of lading without
any invoice or particulars of
what each case contains.
This has caused endless trouble
here and a great deal of
unnecessary expenditure in having
the cases opened at the docks
and examined.

Please send it of our earliest
convenience a sample half dozen
of the latest pattern of switch
you have out, as we find that
the style 265 does not suit our
work and causes a considerable
amount of trouble.

Yours faithfully
Claude C. Coe
Rally

Telephone No. 346.

1883-01-13.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 19TH JANUARY, 1883

EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK, U.S.A.

ON THE 11TH INSTANT I CARED YOU AS FOLLOWS:

"SEND ARMINGTON AS SHIPPED CANADA," AND HAVE TODAY RECEIVED THE FOL-

-LOWING REPLY - "YESTERDAY'S CABLE NOT UNDERSTOOD, IF YOUR MEANING

WAS DO NOT SEND THE O ARMINGTON AS WE WERE UNABLE TO WAIT FOR IT,

HAVING TO COMPLETE AN INSTALLATION BY THE END OF THE MONTH, BUT SEND

THE SAME ARMINGTON ENGINE AS THAT SHIPPED BY THE STEAM SHIP "CANADA,"

WE HAVE NOT YET RECEIVED THE PRICE LIST OF THE ARMINGTON ENGINES, AND

THEREFORE CANNOT REFER TO IT IN A CABLE MESSAGE BY ANY PARTICULAR NUMB-

ER. WILL YOU BE GOOD ENOUGH TO HAVE THIS DOCUMENT SENT TO US AS SOON

AS POSSIBLE, AS WE SHALL NOT PROBABLY RECEIVE THE POST OFFICE CON-

-FIRMATION UNTIL GIVE US £4500 A YEAR FOR ABOUT 1500 LIGHTS. IT IS

OUR INTENT TO PROCEED WITH THE REPLACING OF THE HOBSON HALL LIGHT ENGINES

BY THE HOBSON HALL LIGHT ENGINES BY ARMINGTON & SONS.

MEMORANDUM FROM DR. FLEMING ON THIS AND OTHER SUBJECTS. DE GOOD ENOUGH

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 188

LET US KNOW BY RETURN, WHEN WE CAN HAVE AN ARMINCTON ENGINE FOR NO. 4.
DYNAMO NOW BEING ERECTED AT HOLBORN VIADUCT, AND WHETHER YOU, HAVING THE
DRAWINGS, THE BOLTS ETC. ~~WILL~~ ^{COULD} FILL THE EXISTING HOLES IN THE BED-PLATE.
MR. HAYWARD TYLER & CO. UNDERTAKE IF THIS BE THE CASE TO MAKE THE
TRANSFER OF THE ENGINES IN ~~TWO~~ ^{ONE} DAY.

23
30/11/1883

I AM, DEAR SIR,

YOURS TRULY,

Amola White

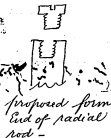
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Memorandum on the state of the Commutators
of the Station Dynamo. July 13 1883.

The Secretary.

The Commutator of No. 3 has been cut down until the bars are now $5/8$ " thick. Each time the Commutator has been rebuilt a cut has been taken off and and it is now too thin to go on much further. We should like to have advice from Mr Edison as to reconstructing this Commutator. We have had serious difficulty with it very frequently. The mica insulation appears to burn through after a time. Perhaps a little oil gets in and affords passage for a little current and then the deterioration goes on rapidly and we have to take out the bars and renew the mica. It has occurred to me that the insulation under the bars and at the collar of mica might perhaps with advantage be thickened. Would perforated wood be suitable for this purpose? I enclose a tracing showing how I should propose to do this. Will Mr Edison please advise on this point. Meanwhile in view of the position we are in I have ordered a fresh Commutator for No. 3 exactly like the present one with one exception - the radial bars will be topped at the top and a screw let in to connect the T piece instead of, as at present carrying a screw pin and nut. This we have already done for No. 2 Commutator with advantage. We can then change the Commutator in a few hours, instead of taking a couple of days for disconnections.

Is there any way by which the bars can be fixed in so as to get out one bar at a time without disturbing the rest?



Armington Engines

With respect to Armington Engines - Will Mr. Edison please advise whether we can change the Porter Allen Engines on our No. 2 and No. 3 Dynamos for Armington. I am so pleased with the performance of the Armington Engine which we have put up at Waukegan Station that I feel sure we ought to lose no time in providing our Station Dynamos with them. I should like to know if this can be done at once. Have they the tracings of the Bed plate of the Engine in America? If so the Engines can be made to fit as received. I should like to hear how it is proposed to prevent the constant trouble with the coupling. The coupling of the Porter Allen Engine is far from satisfactory - We ought in any case to have sent us an Armington for the new dynamo. The bed plate of this is just fixed and if it were possible to get us an Armington for this at once we should start with great advantage.

It is impossible for us to adopt the system of coupling the Governors of the Porter Allen's together as in New York because two of our Dynamos are in one room and the other in an adjoining building and moreover our No. 2 and No. 3 are not sister machines.

Please forward this Memorandum to Mr. Edison with the request that he will be so good as to give these two serious points his kind attention at once and advise us on them. The Commutator of No. 3 will not hold out more than a couple or perhaps three months.

(Signed) J. A. Fleming

General District
Proctor, E. O.

Feet 21

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1883-01-16

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E. 16TH JANUARY, 1883

T. A. EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK.

18
DEAR SIR,

COMPLAINTS.

I BEG TO ENCLOSE NOTE OF A NUMBER OF DIFFICULTIES WHICH
ARE COMMONLY EXPERIENCED, ALSO EXTRACTS FROM A LETTER RECEIVED THIS
MORNING IN REGARD TO LIFE OF LAMPS. THE REPORTS FROM ALL QUARTERS
AGREE IN PRONOUNCING THE LAST LOT OF LAMPS WAD:-

MATERIALS.

BE GOOD ENOUGH TO LET THE ENCLOSED ORDER FOR MATERIALS
HAVE ATTENTION.

PLEASE SEND US AT EARLY CONVENIENCE A FEW 100 CANDLE
LAMPS.

I AM, DEAR SIR,

YOURS TRULY,

A. Dalgleish
for SECRETARY.

2 ENCLOSURES.

[ENCLOSURE]

Telephone No. 346.

1883-01-16

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

85
The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., January 1883.

REPORTS OF DEFECTS.

GENERAL

PILLOW BLOCKS FOR 2 DYNAMO IN SOME CASES ARE NOT INTERCHANGEABLE.

LUBRICATORS FOR 2 DYNAMO DO NOT FEED SUFFICIENTLY TO OBVIATE HEATING.

BINDING WIRE OF ONE 2 ARMATURE NOT SUFFICIENTLY SOLDERED, WHICH FINALLY BECAME LOOSE AND CROSSED THE COMMUTATOR.

BAD PACKING BINDING SCREWS OF BRUSH HOLDERS ARE FREQUENTLY BENT FROM BAD PACKING.

BINDING SCREWS BINDING SCREWS OF SWITCH BOARD ARE NOT SUFFICIENTLY DEFECTIVE. RIGID TO STAND THE NECESSARY BLARING REQUIRED OF THEM TO MAKE PROPER CONTACT. THE THREADS OF MANY ARE CROOKED.

LAMP TERMINALS OF LAMPS VARY IN SIZE AND WILL NOT ALLOW THE BUTION CONNECTION TO GO HOME IN THE SOCKET.

1883-01-16

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., January 1883.

SWITCHES.

FREQUENTLY HEAT FROM ARDING DUE TO INFERIORITY OF WORK,
THIS IS PARTICULARLY NOTICEABLE IN THE B LIGHT SWITCH.

LAMPS

THESE ARE FOUND TO VARY SUFFICIENTLY IN SIZE AS TO PRE-
VENT CONNECTION BEING MADE IN THE ACORN SOCKET (ENGLISH
MAKE).

LAMPS

ALL OUR FRIENDS WHO HAVE ADOPTED OUR SYSTEM COMPLAIN
BITTERLY OF THE SHORTNESS OF LIFE BOTH A & B LAMPS.

SWITCHED

THESE ARE FOUND TO BECOME DEFECTIVE AFTER BEING USED FOR
A FEW MONTHS. THE CONTACT SCREWS GETTING OUT OF THE
STRAIGHT.

FROM

ARCHIBALD COATS, WOODSIDE, RAYLEY, N.S. 15TH INSTANT.

(PLANT OF 2 Z DYNAMOS AND 130 A LAMPS.)

OF THE 30 LAMPS GOT FROM YOU SINCE 15TH DECEMBER, NOT ONE
REMAINS OUT OF USE, ALL HAVE ALREADY BEEN REQUIRED TO
SUPPLY THE PLACES OF BROKEN LAMPS. SURELY YOU CAN DO
SOMETHING TO PREVENT THIS RUINOUS BREAKAGE.

[ENCLOSURE]

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-01-16.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 188

YOU WOULD SEE FROM THE DATES ON THE LAMPS SENT YOU ON
SATURDAY, THAT MANY HAD BEEN ONLY A SHORT TIME IN USE
AND I MAY STATE, THAT AS IN THE CASE OF FORMER BREAKAGES
I PREVIOUSLY WROTE ABOUT, MANY OF THESE BROKE WHEN THERE
WAS NO EXTRA PRESSURE OR CURRENT OF ELECTRICITY. UN-
LESS YOU CAN DO SOMETHING TO PUT A STOP TO, OR AT ALL
EVENTS TO GREATLY LESSEN THESE BREAKAGES, IT WILL CER-
TAINLY HAVE AN INJURIOUS EFFECT UPON THE BUSINESS OF
YOUR COMPANY IN THIS PART OF THE COUNTRY.

W.P.

valve in exhausted
lamps. They are ac-
cumulating here, and
we should be glad
to be informed whe-
-ther or not they can
be utilized in any
way. Believe me

Yours respectfully
Geo. Freeman
Secy

TELEPHONE No. 532.

1883-01-22

Jan 22, '85

The Manchester and District
EDISON ELECTRIC LIGHT COMPANY LIMITED.
19, Victoria Buildings,
Manchester, Secretary

All Letters
to be addressed to
the Secretary.

(Goods to S. May's Care.)

Manchester, Jan 22, 1885

James A. Edison &
65 Fifth Avenue
New York.

Mr Sir,
Thanks for yours
of the 3rd inst. I note
that communications as
to supplies of material
must be addressed direct
to yourself.

My Directors have
instructed me to ask
whether there is any

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 1ST FEBRUARY, 1883

T. A. EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK.

DEAR SIR,

I BEG TO CONFIRM CABLEGRAMS AS FOLLOWS:-

FROM YOU 31ST JANUARY.

"CAN SHIP CENTRAL STATION ARMINGTON SATURDAY ANGER."

TO YOU 31ST JANUARY.

"ARE YOU DISCARDING ARMINGTONS IN CENTRAL STATION."

FROM YOU 31ST JANUARY.

"CERTAINLY NOT."

TO YOU 1ST FEBRUARY.

"SEND Q ARMINGTON."

WE HAD HEARD THAT THE ARMINGTONS WERE NOT GIVING SATIS-
-FACTION IN CENTRAL STATION AND THAT YOU WERE REVERTING TO PORTER ALLENS,
HENCE OUR CABLE AS ABOVE. WE NOTE FROM YOUR REPLY THAT THIS IS NOT
THE CASE. WE TRUST IN DUE COURSE TO HAVE ADVICE OF SHIPMENT ON 3RD
INSTANT OF ARMINGTON ENGINE TO DRIVE Q DYNAMO.

I AM, DEAR SIR,

YOURS TRULY,

Ed. Edison
SECRETARY.

3 1873-02-3

The Edison Electric Light Co. Ltd.
77, Colburn Street.
London, E.C.



PHN. 5.

We hear that Mr. Johnson, from Mr. Edison's factory, is about to return to this country for the purpose of taking in hand the general management of the Edison Electric Light Company. Also it is rumored that Mr. Hammer will at an early date be assuming the position of electrician.

1883-02-06

The Edison Electric Light Company, Limited,
74, Coleman Street,
London, E.C., 6TH FEBRUARY, 1883.

ant

DEAR SIR,

3/20
3/2
3/2

THE COMPANY WERE INFORMED LAST WEEK BY TWO OF THEIR EM-
-PLYES NAMED STOUT AND HOLLOWAY THAT YOU HAD DISCARDED THE ARMINGTON
ENGINE IN YOUR CENTRAL STATION AND REVERTED TO THE PORTER-ALLAN BECAUSE
OF THE EXCESSIVE WEAR OF THE FORMER MACHINE. ON RECEIVING FROM YOU
THE BEFORE YOUR CABLE OF JANUARY 30TH AS FOLLOWS:- "CAN SHIP CENTRAL
STATION ARMINGTON SATURDAY ANSWER" WE THOUGHT IT BETTER TO CABLE THE
NEXT DAY "ARE YOU DISCARDING ARMINGTONS IN CENTRAL STATION" TO WHICH
WE HAVE NOW RECEIVED THE REPLY "CERTAINLY NOT." AS MR. JOHNSON WILL
BE HERE IN A WEEK'S TIME WE HAVE THOUGHT IT BETTER TO AWAIT HIS ARRIVAL
BEFORE DECIDING AS TO THE SHIPMENT OF THE LARGE ARMINGTON.

I AM, DEAR SIR,

YOURS TRULY,

Amolwhite

T. A. EDISON & CO.,
65, FIFTH AVENUE,
NEW YORK.

Form No. 1

1882-02-08

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors and to be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated messages, beyond the amount of tolls paid thereon, nor in any case where the same are not presented in writing within sixty days after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above. *L. J.*
THOS. T. KEEFE, General Manager. **MORVIN GREEN**, President.

NUMBER	SENT BY	RECD BY	CHECK
400	CS R	1870	
Received at 791 BROADWAY.			Feb 8 1882
Dated <i>Darrytown Heights N.Y.</i>			
To <i>R. Snyder 65 Fifth Ave</i>			
<i>Do not forget cable to</i>			
<i>waterhouse if not yet sent</i>			
<i>& P Lowrey</i>			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

1883-02-13.

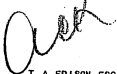
Telephone No. 340.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 13TH FEBRUARY, 1883.



T. A. EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK.

DEAR SIR,

I BEG TO CONFIRM CABLEGRAM AS FOLLOWS:-

TO YOU 12TH FEBRUARY.

"SEND THREE HUNDRED 100-CANDLE LAMPS."

IN CASE 91 RECENTLY RECEIVED FROM YOU 700 B LAMPS WERE
SATURATED WITH MOISTURE, THE PLASTER BEING IN A VERY SOFT CONDITION.

I AM, DEAR SIR,

YOURS TRULY,

Ed. A. Edison
SECRETARY

Telephone No. 346.

1883-02-15

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

all

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 15TH FEBRUARY, 1883.

A. EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK, U. S. A.

25
Edison Esq.
65 5th Ave

DEAR SIR,

100-CANDLE LAMPS.

AS WE HAVE CONTRACTS ON HAND FOR SHIP LIGHTING IN WHICH
THESE LAMPS WILL HAVE TO BE USED, BE GOOD ENOUGH TO LET US HAVE PART
OF OUR ORDER AT THE EARLIEST POSSIBLE MOMENT - SAY 50 OR 100 OF 94, 95,
OR 96 VOLTS. PLEASE SEND THESE BY QUICKEST ROUTE.

I AM, DEAR SIR,

YOURS TRULY,

A. Dalgleish
SECRETARY.

Telephone No. 346.

1573-02-20

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 20TH FEBRUARY, 1880

Answer to Mr. B.

T. A. EDISON, ESQ.,
65, FIFTH AVENUE,
NEW YORK.

DEAR SIR,

I BEG TO ACKNOWLEDGE THE RECEIPT OF YOUR LETTERS OF 1ST,
6TH, 8TH AND 9TH INSTANT. A SAMPLE PACKET OF LAMP-SCREWS SHALL BE
DESPATCHED TO YOU WHICH WILL SHOW THAT THEY DO DIFFER IN SIZE SUFFICIENT-
-LY TO MAKE IT SOMETIMES DIFFICULT FOR THEM TO ENTER THE ENGLISH -MADE
ACORN SOCKETS. WE HAVE HAD RECENT DELIVERIES OF ACORN SOCKETS MADE
WITH A SLIGHTLY INCREASED DIAMETER AND THE DIFFICULTY IS THUS OBIATED.

PATENT NO. 602, 1880.

WE RECEIVED YOUR CABLEGRAM ASKING US TO LET THIS PATENT
LAPSE TOO LATE TO BE OF SERVICE, AS WE HAD ALREADY PAID THE THIRD YEAR'S
DUTY OF £50 TOGETHER WITH THE OTHER CHARGES ON THIS PATENT AND ON NO.
578, 1880, BEFORE THE RECEIPT OF YOUR MESSAGE.

INVOICES.

WE HAVE RECEIVED NO INVOICES FOR ANY OF THE RECENT CON-
-SIGNMENTS OF MATERIALS, AND THIS IS OCCASIONING US CONSIDERABLE INCON-
-VENIENCE. BE GOOD ENOUGH TO GIVE INSTRUCTIONS THAT THESE BE SENT

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-02-20

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 188.....

BY NEXT MAIL.

I AM, DEAR SIR,

YOURS TRULY,

A. Dalgleish
SECRETARY.

*Pl
h
No.
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b
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3.

THE EDISON ELECTRIC LIGHT
COMPANY, LIMITED.

Balance Sheet
AND
Revenue Account,

15th March, 1883.

PRICE, WATERHOUSE & CO.,

ACCOUNTANTS,

44, GRESHAM STREET, E.C.

Printed: By Joseph Caxton & Son, London.

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

Dr.

BALANCE SHEET, 15th March, 1888.

Cr.

	£ s. d.	£ s. d.
TO NOMINAL CAPITAL—		
20,000 A Shares of £10 each	200,000 0 0	
20,000 B Shares of £10 each	200,000 0 0	
	1,000,000 0 0	
Of which there have been issued 20,000 A Shares £4 paid 10,000 B Shares issued to T. A. Edison £10 paid, as per Contra.	100,000 0 0	
	100,000 0 0	
TO Sundry CREDITORS		4,543 1 3
TO REVENUE. Balance as per annexed Account	5,297 17 6	
Less Interest at 5% per annum paid on A Shares on 20th October, 1882, for Half-year ending 15th September, 1882	2,400 0 0	
	2,797 17 6	

£107,340 18 0

	£ s. d.	£ s. d.	£ s. d.
By PATENTS and PRELIMINARY OUTLAY.			
COST OF PATENTS— see "A"			
10,000 B Shares issued to T. A. Edison in part purchase of his Patent Rights under clause 10 of the Agreement of 18th February, 1882	100,000 0 0		
Sundry Expenditure prior to the formation of the Company by the proprietors of the Edison Electric Light System, (being part of the amount payable in cash for Patents and Plant)	14,697 7 11		
Law Charges, Patent Duty, and other expenses incurred since, in connection with the Patents and their transfer, &c.	1,568 17 8		
	1,568 17 8		16,166 5 7
PRELIMINARY OUTLAY—			
Legal Expenditure in formation and registration of Company	655 4 0		
Holborn Vestib. Installation, cost of Buildings, Plant, Wages and Maintenance, less Rents received	19,338 6 10		
Expenditure in exhibiting at Crystal Palace and elsewhere, including gratuity and fees	6,694 0 10		
Advertising, Stamp, Stationery, &c.	1,693 14 1		
Proportion of Office Rents, Rates, Taxes, &c.	2,007 7 4		
Legal Expenses in connection with the formation of District Companies, the Electric Lighting Bill, and the obtaining of Provisional Orders	1,941 18 9		
	31,462 11 0		
Less—			
Proportion of £10,000 received in cash from the Manchester and District Edison Electric Light Company, Limited	5,000 0 0		
10,000 B Shares in the same Company taken for the purpose of these Accounts at the nominal sum of	12,000 0 0		
	17,000 0 0		
			30,718 17 4

By Advance to T. A. Edison under clauses 12 and 13 of the Agreement of 18th February, 1882.—To be repaid out of Dividends hereafter to be declared upon a moiety of the B Shares held by him	20,000 0 0		
Stock, viz., Engines and Material	32,664 2 10		
Leasehold Property—Including Costs of Purchase and alterations to offices	1,272 10 0		
Sundry Debtors	3,917 18 11		
Shares in Manchester and District Edison Electric Light Company, Limited—10,000 B Shares of £10 each, taken as above stated at	12,000 0 0		
Works in progress—Taken at cost	4,855 6 2		
Office Furniture	509 18 5		
Cash at Bankers	1,462 10 0		
	£107,340 18 2		

We have examined the above Balance-sheet with the Books and Vouchers of the Company, and find the same to be correct.

London, 17th May, 1888. (Signed) PRICE, WATERHOUSE & Co.

Dr.

REVENUE ACCOUNT, from 15th March, 1882, to 15th March, 1883.

Cr.

	£ s. d.	£ s. d.
To Cost of Materials sold and issued, and Wages paid on Installations completed		
Directors' Fees	33,310 14 2	
Management, Salaries, and Wages	2,760 4 2	
Office Salaries and Wages	1,349 7 6	
	4,118 11 8	
Proportion of Rents, Rates, Insurance and Travelling Expenses	311 0 8	
Law Charges in connection with Installations and the General Business of the Company	223 6 4	
To Balance carried to Balance-sheet	5,297 17 6	
	£44,719 2 10	

	£ s. d.	£ s. d.
By Sales and Work done at completed Installations		
Interest on Deposit Account, &c.	35,024 2 9	
Proportion of £10,000 Cash received from the Manchester and District Edison Electric Light Company, Limited—Credited to Revenue	8,000 0 0	
Advanced Royalty on Lamps, manufactured by the British Electric Light Company, Limited	1,200 0 0	
	9,200 0 0	
	£44,719 2 10	

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-03-21
The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 21ST MARCH, 1883.

T. A. EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK.

DEAR SIR,

I BEG TO CONFIRM CABLEGRAM AS FOLLOWS:-

FROM YOU 19TH INSTANT.

WE SHIPPED HUNDRED CANDLE LAMPS GERMANIC.

WE ARE GLAD TO HAVE ADVICE OF THESE LAMPS AS WE SHALL
BE ENABLED TO MAKE USE OF THEM FOR SEVERAL STEAMERS WHICH WE HAVE AT
PRESENT ON HAND. YOU WILL BE PLEASSED TO LEARN THAT ^{the} REPORT ON THE
FIRST STEAMER FITTED UP BY US "THE TARAWERA", STATES THAT THE PLANT
WORKED WELL THROUGHOUT THE VOYAGE FROM GREENOCK TO MELBOURNE. ONLY 10
LAMPS OUT OF A TOTAL OF 150 BROKE ON THE PASSAGE.

I AM, DEAR SIR,

YOURS TRULY,

A. Dalziel
for SECRETARY.

1883-04-05

Royal Hotel London
Apr 5th 1883.

My Mr Edison

Here is Confirmation of
Your Boston Herald prognostication
in respect of the morals of
the Accumulator Fraternity -
Further confirmation may also
be found in the fact that for
Henry Pyles who figured as
Chairman of the Board Co
here has been compelled to
resign by worthy shareholders
whose pertinent condemnations
as to the performance of
his management he was unable
to answer in a satisfactory
manner.

The tide in favor of
the legitimate in the Electrical
World is slowly but surely
turning.

Yours Truly

Edw. N. Johnson

Specification of Wire &c. for one Z Dynamo

Flexible Cord

50 yards @ 40¢ per 100 yds. 1. 0. 0

Insulated wire

№. 10 - 127 lbs.	@ 1/3 per lbs.	7. 18. 9
" 12 - 89 "	@ 1/3 "	5. 11. 3
" 14 - 90 "	@ 1/3 "	5. 12. 6
" 18 - 106 "	@ 1/3 "	6. 12. 6

Cables

2 №. 10's - 220 yards	@ 3¢ per foot	8. 5. 0
3 №. 10's - 440 "	@ 4¢ "	22. 0. 0

Lead wire

2 lbs. (№. 20 + 22) @ 2¢ per lb. 4. 0

Bare Copper wire

3 lbs. assorted №. 20, 22, 24, 28 @ 1/2¢ per lb. 3. 6

Dis count 2 1/2%

57. 7. 6
1. 8. 8
<hr/>
55. 18. 10
1. 2. 6
<hr/>

Included Case & packing

£ 57. 1. 4

London.
10. April, 1883.

1883-04-14

Telephone No. 869
ALL LETTERS TO BE ADDRESSED TO THE SECRETARY.
The Edison Electric Light Company, Limited,
74, Coleman Street,

London E.C. 4, England. 1883

To A. EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK.

DEAR SIR,

I beg to acknowledge the receipt of your letter of 29th
ULTIMO. WE SEND YOU HEREWITH BY POST SAMPLES OF THE WIRE WE USE FOR
INTERIOR PURPOSES. THE PRICES ARE AS UNDER:-

No. 10	-	237.	16.	0.	PER MILE
12	-	30.	0.	0.	
14	-	23.	8.	0.	
16	-	17.	11.	0.	
18	-	13.	10.	0.	
20	-	9.	0.	0.	
22	-	6.	6.	0.	

I AM, DEAR SIR,

YOURS TRULY,

H. S. Freeman

ACTING SECRETARY.

1883-04-23

Telephone No. 346.

The Edison Electric Light Company, Limited.

74, Coleman Street,

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

London, E.C. 4. 3RD FLOOR. 188

MY DEAR SIR,

THE DECISION AS TO THE MATTER OF THE PATENT ~~IS NOT~~
~~AS YOU SEEM TO SUPPOSE~~ REST WITH ME BUT I HAVE PLACED A COPY OF YOUR
LETTER BEFORE MR. WATERHOUSE AND BEFORE THE CHAIRMAN AND I WILL ENDEAVOUR
TO PROCURE A DECISION AS TO THIS QUESTION BY TOMORROW.

YOURS VERY TRULY,

Arnold Wolfe
per

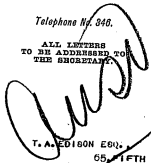
E. H. JOHNSON, Esq.,

10, Abchurch Lane, London, E.C. 4.

1883-04-24

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.



T. A. EDISON ESQ.,
65 FIFTH AVENUE,

NEW YORK.

The Edison Electric Light Company, Limited.

74, Coleman Street,

London, E.C., 24TH APRIL, 1883 3

DEAR SIR,

WHEN MR. WHITE WAS IN AMERICA YOU WERE GOOD ENOUGH TO EXPRESS TO HIM THE HOPE THAT YOU WOULD BE ABLE TO RELIEVE US OF A CONSIDERABLE QUANTITY OF THE STOCK OF DYNAMOS ON HAND HERE OR LYING TO OUR ORDER IN AMERICA, AND ALSO TO WRITE US TO SIMILAR EFFECT. AS WE HAVE NOT SINCE THAT TIME BEEN ABLE TO MATERIALLY REDUCE THE LARGE STOCK THEN HELD, WE SHOULD BE GLAD TO LEARN WHETHER YOU ARE YET IN A POSITION TO TAKE ANY OF THIS MACHINERY OFF OUR HANDS. WE REFER ESPECIALLY TO THE C DYNAMOS LYING IN NEW YORK AND TO THE L AND K SIZES IN STORE HERE.

I AM, DEAR SIR,

YOURS TRULY,



ACTING SECRETARY.

1883-04-24

Telephone No. 346.

The Edison Electric Light Company, Limited.

74, Coleman Street,

London, E.C., 24TH APRIL, 1883.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

MY DEAR JOHNSON,

I PLACED THE MATTER OF HANFORD'S PATENTS BEFORE THE CHAIR-
-MAN AND THE SOLICITOR OF THE COMPANY AND THEY BOTH DESIRED THAT THE QUE-
-STION SHOULD COME BEFORE THE BOARD. CONSIDERATION WAS ACCORDINGLY
GIVEN TO THIS MATTER AT TODAY'S FINANCIAL MEETING AND IT WAS AGREED TO
ADVANCE TO MR. EDISON THE SUM OF £350 ON HIS GENERAL ACCOUNT. YOU WILL
UNDERSTAND THAT THIS AMOUNT HAS NO SPECIAL REFERENCE TO THE PATENT AC-
-COUNT AS THE COMPANY ARE NOT YET IN A POSITION TO DETERMINE AS TO WHAT
IF ANY PATENTS THEY WILL TAKE OVER UNDER CLAUSE 9 IN THE AGREEMENT WITH
MR. EDISON DATED 13TH FEBRUARY, 1883.

YOURS VERY TRULY,

C.H. JOHNSON ESQ.,

THE SECRETARY,

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED,

74, COLEMAN STREET, LONDON, E.C., 2.

APRIL 24 1883

RECORDED

Telephone No. 346.

1883-04-26

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 20TH APRIL, 1883.

W. S. Theobald

T. A. EDISON ESQ.,
25, FIFTH AVENUE,
NEW YORK.

DEAR SIR,

MESSRS NAPIER'S SHIPS.

I BEG LEAVE TO FORWARD YOU COPY OF A LETTER RECEIVED FROM
MR. C. T. GRANT, OUR GLASGOW AGENT, AND OF A MEMORANDUM FROM MR. ARNOLD
WHITE TO THE DIRECTORS, RELATIVE TO THE REFUSAL OF OUR TENDER FOR THE
LIGHTING OF THREE OF MESSRS. NAPIER'S VESSELS. YOU WILL PERCEIVE THAT
A MOST UNFORTUNATE CONTRAVENTION HAS OCCURRED, INASMUCH AS THE ENGLISH
EDISON LIGHT COMPANY HAS HAD THE GROUND CUT FROM UNDER ITS FEET BY A
CONTINENTAL COMPANY BEARING YOUR NAME. THE WHOLE AFFAIR HAS BEEN FULLY
DISCUSSED AT THE LAST MEETING OF THE DIRECTORS, WHO ARE OF OPINION THAT
YOUR FRIENDS IN ITALY HAVE TAKEN ADVANTAGE OF THIS COMPANY; AND THEY
FEEL SURE THAT THEY HAVE ONLY TO BRING THESE CIRCUMSTANCES UNDER YOUR
NOTICE TO ENLIST YOUR SYMPATHIES, AND TO INDUCE YOU TO BRING YOUR PERSONAL
INFLUENCE TO BEAR ON PROFESSOR COLOMBO, THE REPRESENTATIVE OF THE COM-
-PANY IN QUESTION.

I AM, DEAR SIR,
YOURS TRULY,

W. S. Theobald
ACTING SECRETARY.

1883-04-21

(No. 25)

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

104, WEST GEORGE STREET,
GLASGOW. 21ST APRIL, 1883.

GENTLEMEN,

MESSRS. HAPIER & SONS.

AFTER MR. WHITE LEFT YESTERDAY IT OCCURS TO ME THAT THE DIFFICULTY ENCOUNTERED IN THIS MISHAP IS ONE SO SERIOUS AS TO DESERVE THE IMMEDIATE ATTENTION OF THE BOARD. THAT WE SHOULD LOSE THESE THREE SHIPS BY THE COMPETITION OF ANOTHER EDISON COMPANY IS EXTREMELY AWKWARD, AND IF THE CIRCUMSTANCE GETS WIND AS IT MAY DO, THAT PARTIES CAN GET EDISON'S LIGHT CHEAPER ELSEWHERE THAN WE CAN SUPPLY, IT WILL BRING INTO PLAY A COMPETITION MORE DAMAGING THAN ALL THE OTHER SYSTEMS COMBINED. AFTER HAVING ASSERTED OUR POSITION AMONG SHIP OWNERS AND BUILDERS AND GOT A CERTAIN AMOUNT OF SUPREMACY TO BE RECOGNISED, IT IS VEXATIONS BEYOND MEASURE TO FIND THAT POSITION UNDERMINED BY ONE OF OUR OWN HOUSEHOLD. WE HAVE LOST THESE THREE SHIPS AND MESSRS. HAPIER & SONS ARE AS ANGRY AS WE ARE.

YOURS FAITHFULLY,

SIGNED J. T. GRANT.

TO THE DIRECTORS OF

THE EDISON ELECTRIC LIGHT CO., LTD.,

74, COLEMAN STREET,
LONDON.

1883-04-23

(No. 26)

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

23RD APRIL, 1883

DURING MY RECENT VISIT TO GLASGOW FOR THE PURPOSE OF OBTAINING THE "OREGON", THE ORDER FOR WHICH I BROUGHT BACK WITH ME, I CALLED ON MESSRS NAPIER WITH REGARD TO THE THREE SHIPS OUR TENDER FOR WHICH HAD BEEN ACCEPTED BUT THE FORMAL ACCEPTANCE OF WHICH HAD BEEN DELAYED PENDING THE RECEIPT FROM THE DIRECTORS OF THE ITALIAN COMPANY FOR WHOM THE SHIPS WERE BUILDING OF THEIR ACQUISITION IN MESSRS NAPIER'S SELECTION OF THE EDISON COMPANY. THESE SHIPS WERE TO BE FITTED BY THE EDISON COMPANY AND THE PROFIT WOULD HAVE BEEN NOT LESS THAN FROM £300 TO £500. WE HAD TAKEN CONSIDERABLE TROUBLE IN THE PREPARATION OF THE ESTIMATES AND I HAD MYSELF VISITED GLASGOW ON ONE OR TWO OCCASIONS WITH THE SPECIAL OBJECT OF SECURING THESE VESSELS. ON CALLING ON MESSRS NAPIER ON FRIDAY LAST, I WAS AMAZED TO FIND THAT THE COMPANY'S TENDER AND SPECIFICATION HAD BEEN OBTAINED AT GENOA BY PROFESSOR COLOMBO, THE REPRESENTATIVE OR DIRECTOR OF AN EDISON COMPANY ON THE CONTINENT, THAT PROFESSOR COLOMBO HAD IN BLOC ADOPTED OUR FIGURES AND CONDITIONS AND HAD OFFERED TO DO THE WORK FOR £300 LESS, TO GIVE A GUARANTEE FOR SIX MONTHS AND TO DISPENSE WITH CERTAIN ASSISTANCE ON THE PART OF THE BUILDERS AS TO JOINER WORK WHICH HAD BEEN STIPULATED FOR IN THE CONTRACT I HAD ARRANGED WITH MESSRS NAPIER.

THE DIRECTORS WILL OBSERVE THAT NOT ONLY HAVE WE LOST THIS LUCRATIVE CONTRACT AND THE VALUABLE INTRODUCTION SO HARDLY OBTAINED, BUT AN IMPRESSION IS GIVEN TO LARGE BUILDERS THAT THE LIGHTING OF SHIPS BY THE EDISON SYSTEM CAN BE MORE CHEAPLY AND AS EFFICIENTLY DONE ELSEWHERE THAN IN ENGLAND. MESSRS NAPIER ARE NO LESS ANNOYED THAN I WAS MYSELF AND I COMMUNICATE THESE FACTS, AT LENGTH TO THE MEMBERS OF THE BOARD WITH THE VIEW OF RAISING A DISCUSSION ON THE WHOLE SUBJECT OF OUR RELATION TO EDISON'S COMPANIES AT AN EARLY STAGE.

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-04-28

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 28TH APRIL, 1883.

T. A. EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK.

DEAR SIR,

S. S. " OREGON. "

WITH REFERENCE TO THE ORDER FOR TWO ARMINGTON ENGINES
SENT YOU ON 24TH INSTANT, PLEASE NOTE THAT THE DRIVING PULLEYS MUST BE
MADE TO TAKE A 9 INCH BELT WITHIN THE FLANGES - NOT A 7" AS STATED ON
OUR ORDER. PLEASE ALSO NOTE THAT THE ENGINES ARE TO BE SHIPPED TO
LIVERPOOL PER QUION LINE, INSTEAD OF TO GLASGOW, IN ORDER THAT THEY
MAY BE TESTED WITH THE DYNAMO AT MANCHESTER BEFORE BEING PUT ON BOARD
THE VESSEL.

I AM, DEAR SIR,

YOURS TRULY,
FOR THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

W. Douglas
Secretary.

1883-04-29 20.

LEWIS OLRIK & CO.
CONSULTING & MECHANICAL
ENGINEERS.



27, Leadenhall Street,

London, April 29th 1883.

TELEPHONE NO. 649.

J. A. Edison Esq.

My dear Sir,

You may remember in the course of
some of our conversations I tried to explain
the construction of a special boiler (the "Fils")
which we have been making for a number
of years past.

As you were apparently interested,
I enclose you a tracing of such a boiler which
was designed to give steam at 100 lbs pressure
to drive 2-60 light dynamos by means of
an Armstrong's Simple Engine; it is however
drawing a 150 and 60 light dynamos and could
readily supply steam sufficient for a 10. But
not with the maximum economy of course.

By looking at the drawing you will see
that although only 8' 2" x 4' 0" it contains
120 square feet of heating surface in the tubes
and 50 sqft in the furnace or a total of
170 sqft. The advantage of this tube
heating surface over locomotive tube surface
is that a natural and powerful circulation

takes place, caused by the rise of an internal lake
as shown in accompanying sketch. This tide
permits a colder column of water to descend
quietly & displace the heated and conse-
quently lighter annular column.

This circulation is so powerful that
it is almost impossible for scale to be
formed as we have proved by boilers
10 years old, which have not required
a single tube to be replaced.

As for economy, recent tests made
by independent men have shown an
efficiency of 10.93 lbs of water per lb of
Wells Anthracite coal with boilers 7
years old (estimated of course from and at
212° F). For crowded installations where
space is limited these boilers are invaluable,
and should you care to buy them I will give
you any information you require to enable
you to buy them.

I don't know what your ideas are still
in regard to engines, but if you are inclined
to start engine building I should like to
beine you to make the most economical
compounded engine made up to the present
time. We have lately had a 44 days trial with

1873-04-29

LEWIS OLRIK & CO
CONSULTING & MECHANICAL
ENGINEERS.

27, Leadenhall Street,

2

London
E.C.

188

a new engine of the type referred to, with a result of 25 lbs of steam at 100 lbs pressure per FH per hour, 140 revolutions, 89.5% of efficiency between brake and IP, and a variation of speed of only 2.4% between full load & no load.

The valve motion patented in the U.S. 28/1/60 A. ~~is~~ arranged as to give a constant exhaust and lead, and variable cut off controlled by the governor.

If your love for high speed engines had died a painful death, this is the new love you should take to.

Trusting to hear from you

I remain

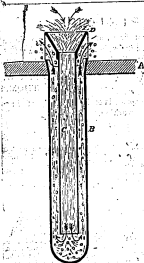
Yours faithfully

Harry Olrik.

(1883?)

THE "FIELD" PATENT BOILER AND TUBES.

9

Enlarged sectional view of a
"Field" Tube.

The accompanying sketch shows the construction and mode of fixing the tubes.

A represents the tubeplate of any boiler with a hole drilled, and tapered taper to suit the expanded end of the outer tube.

B is a sp-welded tube which lugs down into the fire from the tubeplate, the pressure of the steam tending to keep it always tight, supporting on its top edge the ligur tube **C**, which is open at both ends, and provided with a cone-shaped drafting top **D**.

The effect of this combination is to produce a natural and powerful circulation of the water, due to the fact that a heated coil of water is lighter than a colder column.

The principles which we keep in our office will demonstrate beyond dispute, to the most sceptical, that the fire currents completely separated.

THOMAS A. EDISON,
NO. 65 FIFTH AVENUE.

1883

Wm. Bailey
New York 188

~~Free~~

~~May~~

Bailey London

~~My opinion~~ - strongly ~~opposed~~

against London scheme; ~~the~~ public
^{not} wouldnt take it, thus leaving you
in bad condition, ~~my~~ advise -

have patience little longer, get
successful Central station

Paris ^{favorably} - balance sheet therefrom

~~I have~~ ~~plans~~ ~~of~~ ~~it~~ ~~as~~ ~~well~~
~~what~~ ~~you~~ ~~mean~~ ~~by~~ ~~it~~
~~20~~ ~~to~~ ~~be~~ ~~done~~ ~~in~~ ~~the~~ ~~same~~

Central Light ~~of~~ the future is settled
Edison

35

1883-05-03

Telephone No. 346

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited.

74, Coleman Street,

London, E.C., 3RD MAY, 1883

Answer

*Refer to Clarke
for explanation
jar*

T. A. EDISON ESQ.,
65 FIFTH AVENUE,
NEW YORK.

DEAR SIR,

METERS.

WE REGRET TO HAVE TO COMPLAIN OF THE CONDITION IN WHICH
METERS ARE RECEIVED BY US HERE. IN EVERY INSTANCE THOSE LATELY DE-
LIVERED HAVE REQUIRED TO HAVE THE COMPENSATING RESISTANCE READJUSTED
THEREBY APPRECIABLY INCREASING THEIR COST TO US. PERHAPS YOU WILL BE
GOOD ENOUGH TO GIVE SUCH INSTRUCTIONS AS WILL INSURE ACCURACY IN THIS
RESPECT IN FUTURE DELIVERIES.

I AM, DEAR SIR,

YOURS TRULY,

A. S. McKeown
ACTING SECRETARY.

Mr. M. WATKIN asked who was now the responsible architect for the House of Parliament.

Mr. S. LEITCHER answered that the sum of £200,000 was the price for poles should be charged upon the rates, and not upon the taxes.

Mr. GOSSET, complaining of the wretched brilliancy of the electric light in the reading room of the House, asked whether any other than the Edison Company had been invited to tender for the lighting, and whether tenders would be invited from other companies before the electric light was used in other parts of the building.

Mr. G. CAMPBELL, remarking that Westminster Hall was now so deserted and gloomy that it seemed as if the owl would soon be hooting in it, recommended that a stout cornice screen should be erected on the side of the old law courts.

Mr. S. LEITCHER explained that as a proposition had been made to him by the Edison Company to light the dining rooms and library of the House experimentally for a very small sum, he had thought it desirable that members should see what the effect would be. It did not appear to him that electric lighting in its present stage was a proper subject for competition. When arranging for the lighting of the Law Courts he had considered the whole subject, and had come to the conclusion that he could not invite competition. It appeared to him to be the best plan to select the company he thought most likely to answer. He came to the conclusion that the Swan light was best adapted to the new halls difficulties. As he gave the preference to it in the case of the Law Courts it appeared to him not unnecessary to try the Edison in that House. Whether it would be ultimately adopted he could not say. He would consult the comfort and wishes of his members. (Hear, hear.)

Lord R. CHURCHILL, repudiating a suggestion by Mr. Lefferre that he might be interested in the Swan or any other company, but the Swan Company had lit the Law Courts in a manner which had satisfied everybody, so that, made almost superfluous to get the lighting in the Law Courts ready for the Royal opening, and they certainly on this account desired some notice from the Post-Commissioner of Works. The complaint of the other companies was that without making a word to any of them the Office of Works concluded an arrangement with this Yankee adventurer, who was already suspected of having stolen the patent of Mr. Swan, and had let him light the House of Commons which was, without exception, the greatest achievement that any could possibly give to an electric lighting company. It was now known all over the world wherever there was a Parliamentary Assembly, that the Edison Company were lighting the House of Commons. Though he was not interested in this company, he was not, however, a director of the Edison Company in the House, and the right hon. member for the University of London was the principal director of the Edison Company. Mr. Bouverie, a great supporter of the Whig party (laughter), was a member of the Edison Company; and it was, he believed, notorious—and it was hard to believe—that Mr. Froude, the electrician of the Post Office, was a large shareholder in that company. It was important that when electric lighting was the subject of the most important speculation on the Stock Exchange any Government official who thought it right to introduce electric light into public buildings should take the utmost care that there should not be the slightest advantage given to one company over another. The Edison Company had already had the best which the Post-Commissioner could give them, and the Post-Commissioner said they ought to have at the Post Office. He had no right to give the advantage over an English company to an American adventurer, who was a partner by extraordinary and questionable ways, and he believed never took out a patent until Mr. Swan disclosed his patent. He hoped before the Government concluded any further arrangements with this most adventurous company the Post-Commissioner would put everything with respect to the lighting of the House of Commons back on to tender, reserving to himself, of course, the right of ultimate selection.

Mr. S. LEITCHER was sorry if he had done the whole best way possible, but his opinion on this subject happened to him to have been directed not from the point of view of the interests of the public or of economy, but he believed of some rival company to that which had been lighting the House. (He was not a word that had been said against the selection of the Edison Company to light the House, that was not equally applicable to his selection of the Swan Company of an earlier date to light the Law Courts. The Edison Company before the election occurred, in which he was selected, that their selection was best adapted to the House at that time. For some time they had, and were the only company who had a complete system—Lord R. Churchills: "No")—and it was a great object that the process of lighting that House should be accomplished without noise. (Hear, hear.) But the difference between the Swan and the Edison systems was so small that on the whole he thought it not unreasonable to give the Edison system a trial. As to the allegations in an American advertisement, that his thought was a very unfair representation. (Hear, hear.) Mr. Edison was one of the most distinguished scientific men of the day, and he beyond all suspicion of the character mentioned by his noble friend. The company formed in England, a highly respectable character, provided over by Mr. Bouverie who, the noble lord intimated, was the best supporter of the Government. (Laughter.) When the contract was made on conditions of that sort but any word with the Office of Works.

Mr. O'DONNELL said it was strange that the Swan Company, having done so well in the Law Courts, were not allowed to try the House of Commons also.

Mr. E. WATKIN doubted the expediency of leaving the Houses of Parliament in charge of the Architect-Surveyor of the Office of Works and his clerk, without an architect.

Mr. SHAW LEBURER assured the Committee that the surveyor in question, was a thoroughly competent architect.

Mr. DILLWYN was sure that was quite sufficient. The vote was agreed to.

On 5th, for the election of a status of Edric Beames High in Westminster Abbey.

1883-05

The Edison Electric Light Company, Limited.

NOTICE IS HEREBY GIVEN,

THAT the SECOND ORDINARY GENERAL MEETING of the above-named Company will be held at the CANNON STREET HOTEL, CANNON STREET, E.C., on WEDNESDAY, the THIRTIETH day of MAY, 1883, at Two o'clock in the afternoon, for the following purposes, namely:—

To receive and consider the Annual Statement of Accounts and Balance Sheet, and the Reports of the Directors and Auditors thereon;

To elect Directors in the place of those retiring by rotation; and

To elect the Auditors for the coming year.

By order,

H. S. TREHEARNE,

Acting Secretary.

No. 74, COLEMAN STREET, E.C.,

May 15th, 1883.

J. A. Edison, Esq.

8ac. Det. Foreign - England

277 Manchester 75 E B

Mr. Edison
Dear Sir.

I have to thank

you in the first place, for your advice, not to get off my base, and here I followed it carefully and write to tell you, and also that I would not object seriously to being rewarded for my good conduct by an opportunity to get back to God's Country. I am a New Yorker, you know, and as friends and family are living there I am naturally anxious to return. I presume that Messrs. Johnson & Sprague have informed you of the success of the last dynamo I have made here - the 200 light "B" - which will run 250 A lights and gives an efficient return of 92%. Of course Mr. Hopkinson is entitled

1883-05-15

to the lion's share in this improvement, but I can fairly claim a few bites. I did away with the bolts in the armature core and the commutator forks; - suggested the new system of winding and connecting, - improved the switch board, brush holders & brushes - so you see we are not at a standstill here. But I will not intrude further on your time. I was only desirous of reminding you of the fact that I'm alive yet and very desirous of giving America the preference in the disposal of my time and labor.

My principal, Mr. William Mather, sailed for New York on the Bohemia last Saturday, and will probably look you up. It's good to him; - he is a particularly fine fellow.

With regards to Messrs. Clark, Andrews and the boys in
Yours faithfully
Holbrook Richmond
Managing Electrician to Mather & Platt.

1883-05-15

Telephone No. 346.
ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

Aus...

1883-05-18

The Edison Electric Light Company, Limited,
74, Coleman Street,
London, E.C., 18TH MAY, 1883.

T. A. EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK, U. S. A.

DEAR SIR,

ENCLOSED PLEASE FIND ORDER FOR LAMPS WHICH WE SHALL BE
OBLIGED BY YOUR SHIPPING AT YOUR EARLY CONVENIENCE. PART OF THE ORDER
FOR THE 50-CANDLE LAMPS IS REQUIRED AT EARLIEST POSSIBLE DATE FOR A SHIP
INSTALLATION WE HAVE AT PRESENT ON HAND.

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10000*

PLEASE ALSO SEND US A SAMPLE LOT - NOT TO EXCEED 25 IN
NUMBER OF SOCKETS SUITABLE FOR 50 AND 100 CANDLE LAMPS.
WE TRUST THAT THE B LAMPS WILL BE MUCH BETTER THAN THE
LAST COMBINATION. THESE HAVE ALL TURNED OUT EXCESSIVELY BAD, AND IT
HAS ONLY BEEN WITH GREAT DIFFICULTY THAT WE HAVE PERSUADED ONE OF THE
RAILWAY COMPANIES HERE TO REFRAIN FROM DISCARDING OUR LAMPS FOR SWANS.
WE AWAIT ADVICE-NOTE OF THE SAFETY CATCHES ON ORDER FOR
THE S. S. "OREGON".

I AM, DEAR SIR,

YOURS TRULY,
H. V. McKeown
ACTING SECRETARY

ENCLOSURE

The Edison Electric Light Company, Limited

74, COLMAN STREET, E.C.

26th May, 1883.

1. Your Directors have the pleasure of submitting herewith the accounts of the Company made up to the 15th March.

2. In addition to the acquisition of the Holborn Viaduct Station, which was taken over under the original agreement with Mr. Edison, the Company have effected installations at the House of Commons, the General Post Office, City and Guilds of London, the Waterloo Bridge Station, the Holborn Restaurant and elsewhere.

3. The Company is also developing a considerable business in connection with ships, which they expect will prove important and lucrative. They have already obtained contracts for lighting the following vessels, some of which have been lit, and in the others the work is in progress, viz.:-

- "Tarawera," Union Steamship Company of New Zealand.
- "Waihora," Do.
- "Rio Pardo," National Brazilian Steamship Company.
- "Rio Parana," Do.
- "Pateena," Tasmanian Steam Navigation Company.
- "Minerva," Compagnie la Platense.
- "Apolo," Do.
- "Clan Macarthur," Clan Line.
- H.M.S. "Malabar," Troopship.
- "Oregon," Guion Line.
- "Takapuna," Union Steamship Company of New Zealand.

It may be mentioned that the "Oregon" is the first vessel which has dispensed entirely with oil or any other form of lighting, upon which to fall back in the event of the accidental extinction of the Electric Light.

4. Mr. EDISON has, however, always been of the opinion (in which the Board concur) that the most profitable business of the Company would be that of Central Station Lighting. This was practically impossible without a change of the General Law. To meet this difficulty the Electric Lighting Act of last year was passed, under which Provisional Orders may be obtained, giving the necessary authority to take up the streets: but these Provisional Orders first require confirmation by Parliament before they are valid. The form of these Provisional Orders has only recently been settled by the Board of Trade, but your Directors hope that the time is now approaching when they may acquire the necessary powers to create the works for a central station on a large scale.

5. The Shareholders are already aware that the Directors have ceded their rights to the MANCHESTER AND DISTRICT EDISON ELECTRIC LIGHT COMPANY so far as a large part of Lancashire was concerned. This local Company has however encountered unexpected obstacles, and has applied to the parent Company to reconsider the terms of the concession. Under all the circumstances, your Directors think that this request is reasonable and they will accordingly submit a resolution on the subject to the favourable consideration of the Meeting.

6. Your Directors are advised that all Companies using Incandescant Lamps are infringing the rights they have acquired under Mr. Edison's Patents. They have brought a test action against the Swan Company, which is proceeding without unavoidable delays;

and if, as they anticipate, this is decided in their favour, it is to be presumed that the other Electric Lighting Companies will recognise the rights of this Company. The Shareholders have already been informed that a satisfactory and amicable settlement had been arrived at with one important Company.

7. Your Directors have from the first had the assistance of Dr. HORNQVIST, F.R.S., and Dr. FLEMING, as scientific advisers of the Company, and have greatly benefited by their advice and co-operation.

8. The Shareholders have already received a dividend at the rate of 5 per cent. per annum, up to the 15th of September last, and they will see that the accounts would admit of a further payment. If this were an ordinary joint-stock company, such an additional distribution might have been considered desirable, but looking to the constitution of the Company, and in view of the increasing business, the Board think it expedient to carry forward the balance.

9. The Directors regret that Mr. WADE resigned his seat at the Board some months ago: they have elected Mr. M. M. MOORE and Mr. A. WHITE as members of the Board. The Directors retiring by rotation are Mr. S. BIDWELL and Sir J. LUBBOCK.

For the Board,

E. P. BOUVERIE,

Chairman.

3
Decy 25th 1880
No returns state
made to the
G. B. & Co. (London)

Reply to G. P. Lowrey

1883-05-26

RECEIVED
JUN 5 1883
ANSWERED

I, NEW COURT,

WATERHOUSE & WINTERBOTHAM, & Harrison
Solicitors.

CAREY STREET,

FILE NO. 188

LINCOLNS INN, W.C.

26th May 1883

Dear Sir,

Edison Electric Light Company

We have prepared the draft of the license now to be granted to your nominees Messrs Fabbie & Jency for use of the Company's Patents for locomotion. The draft has been submitted to Mr. W. G. Renshaw on your behalf and has been approved by him subject to a few trifling alterations. We beg to enclose herewith a copy of the draft showing in red ink the alterations made by Mr. Renshaw and we shall be glad to have your views upon it so that it may be completed forthwith.

We also beg to enclose 12 forms of appointment of proxy for signature by you. We propose to forward the forms when signed to the person whom you appoint as proxy so that when the Meetings are called, he will have a form of proxy ready to forward to the Company's Office. We would suggest that you should appoint Mr. Douglas as your proxy as he will give notice of all the Meetings sent him in respect of the shares which stand in his name jointly with yours.

Edison's Indian & Colonial Company

We also beg to forward 12 forms of proxy

for signature by you in like manner. For similar reasons it would be desirable that you should appoint Mr. Perman your proxy in this case.

(After the B Shares are issued)
When these proxies have been signed, and sent as we propose to the persons appointed by you, all the voting power in respect of the Shares in both of the above Companies allotted to you or your nominees will be secured to you.

We are, Dear Sir,

Yours faithfully,

Walterhouse Wm. Waltham Harrison.

P.S. The forms of the Proxies you will notice are not identical. They are copied from the forms given in the Memorandums and Articles of Association of each Company: hence the difference.

J. A. Edison Esq.
65 Fifth Avenue
New York
U.S.A.

(1883-05)

THE EDISON ELECTRIC LIGHT COMPANY,
LIMITED.



I, Thomas Alva Edison

of 65 Fifth Avenue, New York U.S.A.

of the County of being a Member of the

EDISON ELECTRIC LIGHT COMPANY, LIMITED, hereby appoint The Right Hon.

E. P. BOUVERIE, failing whom, Sir JOHN LUBBOCK, Bart., M.P. (being likewise

Members of the Company), as my proxy to vote for me and on my behalf

as holder of 2000 Shares at the Ordinary General Meeting of the

Company, to be held on the Thirtieth day of May, 1883, and at any

adjournment thereof.

As witness my hand this _____ day of _____ 1883.

Witness to the signature of }
Thomas Alva Edison

1883-06-02

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY

The Edison Electric Light Company, Limited.

74, Coleman Street,

LONDON, E.C., ~~AND~~ 188 3

Mr. [unclear]
[Handwritten signature]

T. A. EDISON
35, NORTH AVENUE
NEW YORK, U.S.A.

DEAR SIR,

WE WOULD TO ADVISE YOU THAT THE CONSUMPTION OF LAMP HOUSING

AS WE HAVE HAD OUT A VERY SHORT LIFE, REVERSING NOT MORE THAN A 100
HOURS EACH, WHILE MANY OF THEM BURN OUT ONE OR TWO HOURS. THE DE-

FECT APPEARS TO BE NOT SO MUCH IN THE GARDEN AS IN THE DEFECT OF CON-

NECTING THIS TO THE COPPER CLAMPS AND THESE TO THE TERMINAL PLATINUM
WIRE. AS WE HAVE CONTRACTED IN A CONSIDERABLE NUMBER OF INSTANCES

TO GET THESE LAMPS ON BOARD SHIP IN PLACE OF ARC LAMPS, THESE SHORT LIFE
IS TO BE A MATTER OF SERIOUS IMPORTANCE, AND WE WOULD BE PLEASED THAT THE

NEXT GOVERNMENT WILL BE PLEASED TO MAKE A MORE THOROUGH AVERAGE TEST
AND SHOULD BE PLEASED TO LEARN WHETHER YOU COULD MANUFACTURE

FOR THE USE OF LAMPS OF APPROXIMATELY 100 HOURS THE WEIGHT 50
GRAMS AND THE GLOBE WEIGHT SHOULD BE WITHIN A QUARTER AN OUNCE IN

WEIGHT AND ONE & ONE HALF INCH LONG. THESE LAMPS WOULD BE EXTREMELY
USEFUL FOR SIDE LIGHTS AND WALK HEAD LAMPS OF WHICH SEVERAL WERE USED WITH

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

1883-06-06

NEW YORK

June 6/1883

W. Sawyer Esq,
3 Broad St
City

My Dear Mr Sawyer:-
Mr Edison
requested me to refer
the enclosed to you for
reply. The various enclosures
Misses Waterhouse Winter-
bottom & Harrison refer
to have not come to hand
yours truly
Saml Sewall

1883-06-14

June 14th,

3

Edison Electric Light Co.
159 Nassau Street

Gentlemen:-

100 CANDLE POWER LAMP.

I am in receipt of your favor of the 2nd. inst., and regret very much that the 100 candle lamps which you have been

using have such brief life. My recollection, however, is that I wrote you at the time that they were sent that they were the first lamps that we had turned out and we hardly expected that their life would be of any great length. We think that the last lamps sent you will show a much better average. All we can say

is that we are doing our best to supply you with a standard lamp.

Yours truly,
J. W. Edson
which would be 50 cts. higher than the ordinary 100 candle lamp.

Very truly yours,
J. W. Edson

HEADQUARTERS
LAMP FOR LIFE LIGHTS AND HAS BEEN LIGHTS OF WHICH THERE ARE MANY
OTHERS

1883-06-15

2

1883-06-15

Personal

74 Coleman Street
London Eng.
15th June 1883

My dear Edison

When you gave me permission to write to you direct should necessity arise, I resolved to do so only when the occasion was important.

The present condition of the London Company is precarious although a posse of doctors are attending the patient. Sixteen months ago we began work with £100,000 in the bank. Of this sum £50,000 in round numbers, went to D.M.C. the balance or most of it

was spent in isolated plants. The competition between the twenty Companies formed for isolated lighting placed electric lighting as an investment in an unhealthy condition. If I want a leg of mutton or a pair of boots, the butcher & the bootmaker include a profit to themselves in their charge to me - altho' their trades are crowded with thousands of rivals. But if I want my house lighted, I know of several places where I can get it done for less than it costs the undertaker.

Under these circumstances if they are accurately stated it seems to me wise policy to shut down altogether on the isolated business, except

1883-06-15

3. that portion of it which can never be superseded by Central lighting, - viz - ships - & concentrate altogether on central business.

The possession by us of £30,000 worth of machinery is another element in our case. I am quite sure you would help us if you could. We cannot sell, because folks won't buy. If we rent we must first spend four sovereigns for every thirty shillings we have invested in dynamos, & that means raising £100,000 for isolated business. Moreover folks won't rent plant for more than a three year term at most so that after spending the money necessary to put up an installation, we either have to charge a prohibitive rent

1883-06-15

4. or run the risk of heavy loss at the expiry of the term, by having unsaleable plant thrown back on us.

On these grounds I am dead against isolated business in England, except ships.

With regard to Central business investors are suspicious & sick. But money is to be got if temptation enough is held out. I know full well that you alone of all the inventors & people who hear that title by courtesy, have reaped nothing for your years of labour. I know that I have taken care that each member of the new Board should know it too. And I think that I have brought that fact home to them in a way which Johnson as your own representative could

1883-06-15

5
not very well do. I tell you this because the new Board, more than the old, will preface all serious operations by asking you to reverse the contract with us. As a large shareholder I wish to see this done on fair and just lines. On the one hand your help is necessary to get more capital, on the other I want that help only to get over this stile, & do not want to shut you out of the future fruits of your inventions. A way has been suggested which I think would meet the case: viz. - to relax greatly the present agreement so far as the net £250,000 is concerned.

The condition of the Company is very critical and immediate steps must be taken to galvanize the sick man. It is no use going into the past

1883-06-15

6
that that rash plunge into isolated machinery makes me wish that I had used my own judgment instead of suspending it. A telling comment on this advice of Johnson lies in the fact that during his eight months in this Country! he has not sold a single plant!

We must take facts as they are especially when fighting an uphill battle. The Corporations of England are this year going to apply (many of them have applied) for their own provisional Orders. This action indicates a conviction on their part that the light is not & never will be a monopoly so far as patents are concerned. If it were they would not touch it. Johnson says very naturally with his American teaching "Sell light & nothing but light". I answer "So we will where we can - that is

1883-06-15

in these areas we have acquired by Provisional Order, but in those many cases where other folk have the area, we must either sell machinery & lambs or keep out altogether. Now this is no matter of opinion, it is a plain matter of fact - that where we have no Parliamentary rights we cannot exact royalties on light or horsepower. If we attempted to do so, there are plenty of folk springing up, who have learned enough from you, Mr Edison, to undercut us, & yet patron along somehow. If I am right we shall make profits in many ways - the principal one being the sale of light in our own areas; then as contractors to erect & maintain, & sometimes the sale of machinery. It is no use indulging in

1883-06-15

illusions, & if we ever get a true monopoly it will be by good & solid engineering work & unerring success - not by patents or talk - at any rate for years to come.

The worst of this problem is that the great finance question is always staring one in the face. You really ought to be here yourself to understand it. It seems to me that friend Johnson is the most un-Yankee like American I in money questions I ever met. He seems to take leave of Common sense when money is in question. What is desirable is one thing. What is practicable is another.

The moneyed class won't give us £100 much less of £250,000 while we are at loggerheads with Swan. What do you say to that? I think I understand you rightly to feel that this is a question of far more than

1883-06-15

9

money with you. For any of your Companies to compromise with Swan is equivalent to saying that you are not the true inventor. That is so in a sense. But the odd thing is that Swan feels - or says he feels the same. Swan is so strong about the occlusion of gas patent as we are about the filament - altho' I understand the former is a clean steel. Now if we are face to face with this wall, would you let us take from Swan a royalty of 8c a lamp for the filament, & pay him 2c on the occlusion patent - if by that means we can raise money to make a great central station on which your name & fame depends.

Before I close this letter I want to repeat to you what I told you when I dined with you at the Brunswick

1883-06-15

10

the all not let any personal wishes of mine interfere with the Cause. Johnson came over in a very hostile spirit which I am unconscious of deserving. Probably unintentionally he has misrepresented me in some cases - but my back is broad enough to bear this. I think it is a pity he has not worked with me while he has been here, but there is no reason why we should not work together in the future as our aims are the same in the main. His great command of language is a temptation sometimes to tell the truth a little before it happens. But we all have our faults.

If you are not annoyed at this you will write again.
 Yours very truly
 J. A. Edison
 Wm. A. Miller

[FROM SAMUEL INSULL?]

1883-06-18

June 18th.

William Parrish, Esq.

2 Gouthall Buildings,

Angel Court, E. C.

London, Eng.

Dear Mr. Parrish:-

I duly received your vable as follows:

"Indicator Probable of suited for United Company. Send apparatus and directions". I am having some instruments made, and as soon as they are ready I will write you further on the matter and ship a set to you. I certainly think that the indicator would be very useful to the United Company, if they do not take it some one else will, and that was my reason for writing you. I will endeavor to hold the matter open until terms can be arrived at in London. My principals however, are pressing me to get something out of the invention as quickly as possible.

Very truly yours,

Y.

Samuel Insull

1883-06-05

2. Copthall Buildings.
Angel Court, E.C.
London 5th June 1883

Samuel Insull Esq
% Tho. A Edison Esq
to Fifth Avenue
New York.

Dear Sir,

I am instructed by Mr. D. Garrison to inform you that he this morning received your letter of the 24th May but being very busy he was only able to reply thereto by cable as follows:

"Indicator probable if suited for United Company. Send apparatus and directions"

Mr Garrison will endeavor to reply to your letter by the next mail.

Your Respy
J. A. Tunnell

Recd
Receipt of letter
Mr. - [unclear]
J. A. Tunnell
June 5th 83

Royal Hotel June 20/83

My Mr Edison

I have not been writing you lately as I have been in daily expectation of getting things into such shape that I could write and say everything was definitely arranged - but since that point has not yet been attained and you appear to be anxious to know how matters stand I'll postpone it no longer -

A few hours before the Annual Meeting was to take place Bourne & Wade met and arranged a compromise. The meeting was then held and the report read and endorsed. The Old Board of Directors Re-elected and so far as surface appearances were concerned everybody was unanimous that everybody else was all that could be desired - this by the benefit of the Public. The terms of the compromise were to be subsequently carried out in the following manner - The Board were to meet. Bourne and Moore (latter made a Director) were to resign - 2 of our men were then to be elected to fill the vacancy and one new Director was to be added (by us)

to make up a Board of 7.
This constituted the Board thus -
4 Old Directors 3 New -

Mr. Hubbard was then to take the
Chair for 3 months - When he
waits upon retiring - We then
Elect his successor - Thus giving
us 4 and they retaining 3.
As for Mr. Hubbard was chosen
by us in any event to remain
a member of our New Board - his
taking the Chair was practically
the same as our putting our own
Man in at once - Especial in
view of his doing so upon their
understanding that the Post had
been conceded to us by the terms
of the compromise and our taking
absolute possession was only
deferred for 3 months to keep up
the appearance of continuity
in the eyes of the Public -
(This fear of the Public is at the
bottom of the weakness of our
English friends).

In addition to the above - We were
to have the Appointment of the
General Manager - White to
be retired from that position -
- This then was practically a
Complete Surrender to us
We were bound to consider
it and express our satisfaction
by our action at the General

3

Meeting - Which we did - thus fulfilling
Our part of the understanding
- Now we are awaiting their fulfillment
of theirs - This is how it stands
at present.

Bouverie and Moore have resigned
Leyland and Stewart have been
Elected in their stead - The other
Director is chosen and will take
his seat as soon as the Qualification
Clause of our By Laws can
be amended by reducing the
required holding from 500 Shares
to 100. Our name will not buy
500. And as we concede it is
too high - No one objects to his
Action, but agree to reduce it
- This is a work of time - 42 Days -
Maurice he sits at the Board
and takes part in the discussion
- but is not allowed to vote -

Mr John has taken the Chair - so
you see the present Constitution
is as follows -

- Chairman Mr John Lubbock
 - Directors:
 - Shelford Bidwell
 - Arnold White
 - Lord Arson
 - Fredk. B. Leyland
 - John Stewart
 - W.C. Watson (not yet voting)
- Mr Stewart only occupies the position
for a Mr Deoble who, like Mr
Watson is in attendance but

is not qualified to vote - Mr Stewart
will give way to him when the
Qualification Matter is adjusted -

Then you see that my new forces
are there - but as yet can only
exercise their influence - not
their voting power - at least not
in full - However the arrangement
works to the extent of my getting
a proper hearing upon all the
Matters I bring up - which I could
not get before - Right here
however comes in the difficulty
which I am waiting to have
removed -

White has not yet been
replaced and until he is - He holds
the reins of office and as you
can easily understand uses
them for the purpose of frustrating
my every attempt to incorporate
improvements or new methods of
doing business - This friction has
become so great that I have
finally put it to the Board
that they are not quite on
the lines of good faith with us
in procrastinating the question
of substituting a new M. for
Mr Arnold White - This has
developed the fact which I
began to suspect - that A.W.
is playing his cards to hold
the office in spite of the

5
Agreement. As he has said
to more than one was his intention -
You can imagine the game he
is playing and the cards that
are in his hands to play it with.
He misrepresents everything I do or
say - and doing it behind my back.
I have no defence - this puts an
effectual check to all my proceedings
- of course I am not content to
depart these choses without at
least giving them a forecast
of what a little well directed
effort can do - so I have asked
that a committee be appointed
to confer with me as to the
methods of business procedure
to be hereafter adopted - this Com.
will be appointed tomorrow

I have further asked through
my own Director that the Board
carry out at once the Genl
Managers feature of the Agreement
This they say they will ask the
Board to do at once or explain
their tardiness. There is no
doubt this pressure will bring
about the desired action
Or if not to put a new
Manager in at once - to confer
upon me temporarily the power
of the office - in which case
I will put some life into the
concern in short order - I

have a lot of inquiries for
Isolated Plants. I carry them
On to a certain point then
have to turn them over to
White - who of course is only too
glad to see them die, then to
demonstrate that his contention
that there is no real demand
for Isolated Plants is correct.
I hear & know enough of his
Methods however to know that he
makes no effort to secure them
and further I know that among
them there are a number who
would close with me if I had
the power - I spent 3 hours today
in talking Spiers & Pond into a
600 light Plant for the Criterion
Theatre and although the cost
is far in excess of what others
offer to do it for - Spiers told me
today if I would stay & do the
work myself he would sign
the contract. I told him that was
impossible & showed him your
telegram about the 5 Central
Patent Building & 18 others ready
to sign contracts then showed
him my "V.P." Card & asked
him if it was a reasonable
request. He thought not - but
said he had been so damnably
kumbugged by the E.L. Company
that he wouldn't trust any of

7/ them - Our own among the number
However I finally persuaded him
to accept Hopkins on in lieu of me
Now the matter only remains for
final action upon the detailed
Estimate I am to obtain from the
Office tomorrow - White will of course
try his old game of coming in
between me & STP but this time I
have made up my mind to make
the matter an issue before the
Board and shall probably bring
on a crisis by insisting upon
being vested with authority to
complete the transaction -

Now as to the Other side of the Ledger
of course there is another side
in this as in all transactions

Early in the course of affairs I
replied to the Criticism upon you -
that you had no real care for
the prosperity of the Concern - by saying
that when they showed a little
more disposition to proceed to
help themselves they should find
you ready to do your part -
This cropped up again later in
the day when I was trying to
recruit new men they are
and all said as at present
constituted our Company must
fail and unless a radical
change was made in the agreement

With you - they would not join
the Concern or put a penny in
it - This was also the Opinion
of Wade - and in fact of Every
One - Even Outsiders who have
no interest at all in the Company
Finding this view so omnipotent
I yielded to it and expressed the
Opinion that you would do
the right & fair thing if they would
join the Board and vigorously
set about putting the Company
upon its legs. Hearing I was taking
too much upon myself I consulted
several Bankers upon the financial
question explaining to them the
Terms of the Contract with you
They were all unanimous to the
effect that no money could be
obtained from the Public upon
terms permissible under it -
J. Morgan & Co. concurred in this -
I thereupon put the question
to Pierpont Morgan who happened
to be here at the time and he
said I had done quite right or
something to that effect - the
negotiations have therefore gone
on upon that understanding -
Now that we are beginning to
get into working shape - many
new people have shown that
they grasp the business by
the right end, in demanding

9

That the financial question be dealt with first and all minor ones follow - since the minor ones can only be dealt with upon the basis of cash in the Till - and we are at present in debt to our Bankers some 10,000 £.

Everything the discussion brings this way up comes the Query Ago - the answer is always the same - "First get Edison to relieve us of the Burdensome Character of our Contract".

They said - the longest headed of the lot is foremost in pushing this matter & insists that, as upon it every thing else depends - it shall be at once adjusted - In this I am bound to concur - but am insisting now that they give me formal assurance that my recommendations be carried out otherwise I will not ask you to make the required concessions - To this I am to have my final answer at the next Board - in a day or two - As soon as we this exchange undertakings I am to sail for New York to explain matters fully to you and induce you to give them what they ask. This will

probably be all arranged in a few days. And I go out by the Alaska which sails July 7th. However you will learn by telegraph of my coming before you get this. I am not now going to broach to you the proposed alterations in the contract I do not care to knock you down till I am by to pick you up - Beside I want to get everything in hand before I have any indication from you - or rather before they have - that you will or will not meet them - I have therefore informed them that you cannot be dealt with in the matter by mail or telegraph that your understanding of the situation is too meagre to enable you to form a proper judgment - all of which is of course perfectly true - Nor am I going into the question of amalgamation as alluded by a remark in Drusell's last letter - rec'd today - All that will be better done when I see you -

The Central Mining business will now receive such attention that it is very probable a site will be selected within a few days or weeks and work begun at once - The intention being to have at least a portion of the operation this fall -

11
The provisional order bill will probably be passed by Parliament in a few days. It is now before them - This will be the signal to begin - and the men I have collected are all pledged to give this branch of the business their principal attention. The money will be raised for it, and if my recommendations concerning it be carried out as I am given it will be. Hopkinson will come out to see you upon the whole subject ere beginning work. He has some radical changes to propose - but wishes your opinion on them first. Hopkinson has lent me strong support in my fight against White and for John Lubbock is largely guided by his opinions - so we owe him our cordial good will - This Central Station will be the largest yet undertaken or proposed - It includes the whole of the Parishes of St James, St Martin in the Fields and a large part of the Strand - It is considered to be the Plume of E. L. in the World - It includes about a dozen Theatres - More than that 72 or large Hotels - All the Pall Mall Clubs - And in brief covers what is known as "the dissipated District of London" that is - where the people

never go to bed. & consequently
are bright all night - Trafalgar
Square - is its Centre - The Strand
Regent St. Piccadilly & such like
Streets are within its boundaries
The fight for this District has been
great - but we have won and
much credit is due Waterhouse
As it has been he who piloted
us through the Malice of the
Parish Local Boards - The dogmatic
Decrees of the Board of Trade
And the Ignorance of Parliament
Against a thousand fold worse
than the New York Board of Aldermen

But all this will keep -
What is wrong with Mr Frabrie, has
he taken offence at any thing I
have said or done? I have never
heard a word from him since
I left New York - Not even an
acknowledgment of my letter

This job has been the toughest and
the most unsatisfactory of any I
have yet undertaken, I shall finish
it with as much credit as I can
Then if you or any one else ever
get me to come this side of the Atlantic
again it will be simply because you
do count my great expectations &
put the hard cash in Bank to my
credit - No more 5% for me - No nor
2% Nothing short of the hard stuff
- We had plenty of glory - but where

13

is the sum over & above

100,000 \$ which my contract
so carefully provided for a proper
division of. Who answers where;

Yes and will answer until my
children are old enough to
hear and understand the cry -

I am glad to have so good & cheering
news from you as your last cable
and am only too anxious to comply
with your request to hurry home -
but a finish is essential to all
work - and I must put one on this
last transatlantic job of mine.

~~From what I hear I imagine~~
some injury is being done me
by a too free and unauthorized
use of my name by some of
the home malcontents. You
must guard me against this
I cannot be in two places at
once - However I'm not much
concerned about it -

One more thing - If I could should
badly need ^{the} a few hundred dollars
to get home and Bergmann
is unable to accommodate him
- do what you can to help him
and I will repay you somehow
on my return -

We got a Dozen of Swans new
High Resistance Lamps which I

Am bringing you my besting -
If there is any thing else you
particularly want cable me
on receipt of this and I will
bring it - Very truly Yours

Edward N. Johnson

Thomas a. Edison Esquire
Electrician Prestidigitator
New York U.S.A.

My kind regards to Every body
including our
"Double Headed Dutchman"
And the new Illuminated
Chinook

3
Edison
E. N. Johnson
Edison

1883-06-25

THE EDISON ELECTRIC LIGHT COMPANY,
LIMITED.

NOTICE IS HEREBY GIVEN, That an EXTRAORDINARY GENERAL MEETING of the above-named Company will be held at the Offices of the Company, 74, COLEMAN STREET, E.C., on TUESDAY, the 10th day of JULY, 1883, at 2 p.m., to consider, and if approved of, to pass the following Resolutions, namely:—

- (1) "That in Article 50 of the Articles of Association of the Company, '1000' be substituted for '500.'"
- (2) "That in Article 31, of the Articles of Association of the Company, the word 'nine' be substituted for the word 'seven.'"

A Copy of Articles 50 and 51, as they now stand, is given on the other side.

By order,

H. S. TREHEARNE,

Acting Secretary.

74, COLEMAN STREET,
LONDON, E.C.,
25th June, 1883.

(50) "The qualification of a Director, shall be the holding in his own right of not less than 500 A or B Shares of the Company."

(51) "The number of Directors shall not be less than five nor more than seven; but this Clause shall be construed as being only directory, and the continuing Directors may act, notwithstanding any number of vacancies."

Postponement of Extraordinary General Meeting.

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED,

74, COLEMAN STREET,

LONDON, E.C., 6th July, 1883.

SIR,

I am instructed by the BOARD OF DIRECTORS to inform you, that with the consent of the Gentlemen at whose request the EXTRAORDINARY GENERAL MEETING, notice of which was sent you on the 23th June, was summoned, the said Meeting is postponed from TUESDAY, 10th JULY, 1883, *vice ditto*.

I am, Sir,

Your obedient servant,

H. S. TREHEARNE,

Acting Secretary.

Thos. A. Edison, Esq.

See Johnson
about this
in 2111

1883-07-07.

TELEPHONE NO 2880.

1, NEW COURT,

WATERHOUSE, WINTERBOTHAM & HARRISON,
Solicitors.

CAREY STREET,

LINCOLNS INN, W.C.

July 7th 1883

Dear Sir,

Edison Electric Light Coy

We are obliged by your letter of the 26th June enclosing 12 Proxies signed by you in blank which we have forwarded to Mr. John Douglas as arranged. Mr. Douglas will have the

voting power in respect of the 3000 B Shares standing in his name jointly with you and we presume you have confidence in him and that he will exercise the voting power from him by your proxy in accordance with your instructions.

We are also in receipt of the draft cheque for locomotion which we note

you approve. We are having the endorsements made and will forward all part to you for signature.

Edison's Indian & Colonial Coy

We have also to thank you for the forms of Proxies in this Company which we will retain in our custody until the B Shares have been duly issued when they shall be forwarded to Mr. Pennant. He has already counted the transfer of the 2500 A Shares to his name jointly with you & we now hold the Certificate for three shares.

We are, Dear Sir,
Yours faithfully,
Walterman Winthrop Harrison.

P.S. We are still without the remaining Indian Certificate. Can you not let us have these?

What about these

J. A. Edison Esq.
65 Fifth Avenue
New York N.Y.

WATERHOUSE & WINTERBOTHAM, Solicitors.

1, NEW COURT,

CAREY STREET,

LINCOLNS INN, W.C.

July 7th 1883.

My dear Sir,

Before this reaches you Mr Johnson will probably have informed you of the negotiations which have been entered into with the Swan Company for an Amalgamation of that Company with our own, and will have placed in your hands a short statement of the terms proposed.

You may perhaps like to hear from me what are the considerations which have weighed with the Edison Board in coming however reluctantly to the conclusion that this Amalgamation is desirable, and which induce us to think that your interests as well as those of the A Shareholders will be best served by this step.

The only Patent which at present seems likely to secure a monopoly of your system is the Carbon Filament Patent of Nov^r 1879.

The difficulties in maintaining that Patent are two.

(a) Alleged prior publication by Swan

(b) the omission in your Patent to describe the process of getting rid of the atmospheric air from the filament, a process subsequently patented by Swan, and by a later patent patented by yourself.

It is clear that amalgamation with Swan to a considerable extent gets rid of both these difficulties. - The alleged prior publication was mainly if not exclusively in oral lectures and unless Mr Swan insists on and gives personal evidence as to this publication it is not likely

that it can be successfully maintained by others.

With regard to the 2nd point, although there is good ground to hope that your Patent would be sustained in spite of this defect there is, at the same time, some risk that it might on this point be held bad, and even if sustained, it is possible (and this is a point to which some of the advisers of the Company are inclined to attach great importance) that Mr Swan's Patent for getting rid of the air on the Conductors, might prevent us from manufacturing lamps, in which this process is employed.

With regard to our financial position, the £100,000 paid up on the formation of the Company has been more than spent; a considerable portion being locked up in Machinery which is likely to be superseded by machines of a newer and better type. The Board feels it hopeless to inquire regard to the present feeling of the investing Public in this Country on the subject of Electric Lighting to get more Capital or subscribed through a further issue of A Shares, while at the same time a Call would excite great dissatisfaction on the part of many of the existing Shareholders. This condition of things paralyzes the Company's operations and of course renders the B Shares for the time being valueless.

We cannot ignore the fact that our Company instead of finding an unoccupied field for its own operations has been subjected to severe competition in almost every installation for which it has tendered.

Its most formidable competitor has been the Swan Company which had had a considerable start, had already established itself in the public estimation, and which no doubt possesses at the present time a valuable goodwill.

Moreover, all Electric Lighting has enormous legal and other difficulties to overcome in this Country before it can establish itself on its

the basis from Central Stations - difficulties which can only be successfully met by a company with a large capital and otherwise strong.

Under these circumstances it was felt that there would be a greatly improved prospect of remunerative business and of an ultimate prosperity of Electric Lighting if a union could be effected with the Swan Co. and there is no doubt that a union will greatly increase the value of the interests on both sides. - The only difficulty was felt to be, as to the terms on which such a Union should be carried out. - The Directors of the Edison Co. do not think that those which have been arranged are as much in our favor as the equity of the case demands, but it was clear that no better ones could be obtained and there is little doubt that the B shares in the new company will be of much larger and more immediate value than the B shares of the existing company. - This larger value is, in our judgment, obtained, - (in spite of their being postponed in order to attract capital to a stipulated Dividend of 7 $\frac{1}{2}$ % and of their taking only $\frac{1}{10}$ of the profits after that dividend.) -

(1) Through their being immediately entitled to dividends and not deferred till the £20000 already paid to you has been repaid - that sum being now paid as a payment out and out.

(2) Through their being deferred shares of a company which is likely at once to work on a scale many times larger than either of the separate Companies and to a satisfactory profit. - whereas as matters at present stand with the Edison Company any prospect of dividend on the B Shares must be regarded as more or less problematical.

The name of the New Company will probably be 'The United Electric Light Company' but we have stipulated that whenever the Investors are referred to your name shall, as is right, precede Mr Swan's.

I must confess that I had looked forward to more speedy success

and a more independent existence for the Edison Company and I should be
very loath to advise or take part in a step which is not desirable in your
interests as well as in those of the A. Shareholders - but after giving the best
consideration to the matter of which I am capable, I believe that all these
interests will be advanced by what is contemplated, and that in this way
we have our best chance of securing what should be our great ultimate aim -
a general adoption of your system of central station lighting -

Yours faithfully
Thomas A. Waterhouse

July 7th 1880
T. A. Waterhouse
22 Leavenworth

Thomas Alva Edison, Esq.
New York

Electric Light

1883-07-10

42, Southhampton Buildings,

T. J. HANFORD.

London, July 10, 1883
W.C.

My dear Mr. Johnson

Your favour of 5th inst
 duly to hand.
 As the patent action I am
 not at all surprised to find
 that matters have taken the
 turn you mention - I have
 long thought that that would
 be the ultimate result & I
 cannot help thinking that it
 is the best thing for both
 parties - I hope however the
 amalgamation of the application
 in my favour will be
 (1)

to Mr. Edison will not together
 have the ultimate effect of
 causing Mr. Edison's patent
 business to gravitate to U.S.
 as he acts for Edison Patent
 matters

Johnson & Delany's
 patents "Cables"

I send you herewith the
 particulars you ask for with
 regard to the above patents.
 1st I enclose a statement of
 the case as originally rendered to
 Genl. Gouraud & of the further
 expenses for annuities which
 have since been incurred. You
 will see that up to the end
 of last year the account
 amounted to £89.3.0 - As
 (2)

stated in my letter of Aug. 1st 1873
I propose that you should pay
me say £40 in settlement of
this old ac^t. You will also
see from the statement enclosed
that I have since (that is,
this year) expended £14.10.0
for annuities in accordance
with your instructions. This makes

£40
+ 14.10.0

£54.10.0

up to this date.

I further enclose a schedule
of the patents showing what
payments have yet to be
made, and the workings
necessary to keep them up.

The second set of patents
(that is, those taken out by me)

(3)

were sent to Col. Gouraud & he
has promised to look them up
& send them to me when I will
at once forward them to you. I
do not know when the first set
of patents ^{are} but I presume they
are also with Col. Gouraud.

You will observe from my
schedule that the most important
thing - the most urgent at the
present time - is to work the first
French patent, the invention covered
by which should ~~have~~ be put
into operation immediately in
France in order to save the
patent. I have sent you a

blue book of the English patent
(253/11)
& corresponding to it, but you
should not be able to identify
it.

What the French law requires

(4)

T. J. HANFORD,

12. Southampton Buildings,

London W.C. 1888

to what the working should be
bona fide and not an imita-
tion, and although many
patentees are frequently obliged
to content themselves with
complying with the bare letter
of the law there is always in
such cases a risk of the patent
being afterwards upset by the
Courts - In your case I should
think there would be little
difficulty in getting a piece of
cable made & used in France
with the aid of Mr Batchelor

(5) (8)

but you must above all things
bear in mind that the
sending a piece of cable into
France without permission will
violate the patent - If you
desire to send a sample into
France a permit must be
applied for, the petition for
which (prepared in a form
which I can procure) will
have to be signed by Col.
Gouard & presented to the
Minister of Agriculture &c.

I think I have now given
you all the information you
require & shall be glad to
hear from you upon the
subject as soon as possible
as the working will not
admit of a ~~day's~~ delay - I

(D) (7)

gave you notice of it some
time since I was daily in
expectation of seeing you when
you could have discussed the
matter but your sudden
departure has rather upset
some ones calculations

Yours sincerely

J. H. Campbell

E. M. Johnson Esq^r
General Electric Light Co.
New York

(7)

P.S. If you want to send a
piece of the cable to France,
you may, in order to save
delay, address it "En bond"
(En douane), that is to
say to the customs, with
strict orders that the
commissaire is not to clear it
until the Minister's permit to
introduce has been obtained

J. H. C.

(8)

Telephone No. 846.
All Letters
to be addressed to
this company.

New Bridge Street, London, E.C. 11

The Edison Electric Light Company Limited.

Ed. Coleman Street,

London, E.C. 11

Copy

To the Secretary
The Edison Electric Light Company
44, Coleman Street, E.C. 11
London, E.C. 11

The Directors

We beg now to signify our
acceptance of your estimate for lighting the
above Theatre as communicated to us in your
letter of 29th June and your letter and enclosure
of 7th July.

There are two points however to be mentioned, viz:
1. Mr. Johnson assured us that the working
of the Machinery should be noiseless, and we
attach the greatest importance to the accomplish-
ment of this condition. As a comparison, he
said it should have less noise than the houses
of Parliament installation.

2. The added word "delay in transmission"
in the estimate is understood to mean delay
on the voyage, not delay in shipment from
any cause.

Kindly confirm this to the
effect of our full
Receipt signed and
T. Speers, Director.

1883-07-12.

John
about all
of your letters referring
to this let me

10, Colman Street,
London, E.C.

12th July 1883

Dear Sir,

I have carefully considered your letter of June 6th, objecting to the charges and deductions to your account, and also generally your request in other letters for a quicker form of remittance.

With reference to your charge for provision of Engine in 1882, £18.2, not incurred until March 1883 - I have passed this on as being for expenses out of pocket incurred by you for us in a market bringing you no profit, but you will not fail to see that in consequence of your delay in charging it we have sustained a loss to that extent, the engine having been sold, without that charge being added to it.

The item of £25.9 for shorts, you will I am sure think right to allow, if the circumstances are clearly stated. It is an amount deducted by the Manchester Company from our account for shorts in the package of Lumps sent direct by you to them on our account. It does not at all open any question of your dealing with the Manchester Company, in fact

7883-07-12.

74, COLEMAN STREET,
LONDON, E. C.

You may consider that on opening the packages we found lamps short to the amount of £2.5.9 for which we claim.

In the charge for freightage &c upon re-shipped goods to which you take exception I find that the Stores Department & the Shipping Agents have made a mistake and I have now much pleasure in rectifying it. The charges were made with the intention of including the freightage charges back to America, which arrangement by an oversight was not carried out. A new entry has been made of this part of the account and I trust that it will meet with your approval.

With regard to the manner of remittance, and to avoid any further misunderstanding, I think it will be a fair plan that all goods supplied by you shall be remitted for on receipt here of bill of lading; and that for engines &c for which you have to pay on our behalf before shipment, that we cable to you the funds at eve of shipment in America. I did cable you £800 on account of Criterion engines on the 10th inst.

Yours very truly
Wm. White

J. A. Edison
65 Fifth Avenue
New York U.S.A.

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-07-12
The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 12TH DIV., 1883

DEAR JOHNSON,

I HAVE HAD SEVERAL MEETINGS WITH MR. KEMP AND WITH MR. SPIERS AND ONE OR TWO OF THE OTHER DIRECTORS AND HAVE AT LAST SETTLED UP EVERYTHING. I FIND HOWEVER THAT THEY DISSENT FROM ONE OR TWO OF THE STATEMENTS CONTAINED IN YOUR LETTER TO ME. THE MOST IMPORTANT ONE IS WITH REGARD TO THE TIME. YOU SAY "SIXTY DAYS FROM THE SIGNING OF THE CONTRACT."

THEY SAY NOTHING OF THE SORT AND BIND US DOWN TO BE FULFILLED BY THE 1ST OF SEPTEMBER. THAT WOULD EXCLUDING SUNDAYS AND HALF A DAY FOR SATURDAYS GIVE US $30\frac{1}{2}$ CLEAR EFFECTIVE WORKING DAYS. I HAVE AFTER CABLEING MR. EDISON ABOUT THE ENGINES AGREED TO THIS AND HAVE OBTAINED AN EXTENSION TO THE 7TH OF SEPTEMBER. IT WILL HOWEVER BE AN EXCEEDINGLY TIGHT FIT AND WILL PROBABLY INVOLVE WORKING OVER TIME.

ANOTHER POINT IS YOU SAY IN YOUR LETTER THAT THE REGULATION IS TO BE ON THREE CIRCUITS. THEY SPECIFY EIGHT CIRCUITS AND RATHER THAN RAISE ANY DIFFICULTY AT THIS STAGE I HAVE AGREED TO DO IT AND SHALL APPLY TO MR. SPIERS WHEN THE CONTRACT IS PERFORMED TO AL-

Telephone No. 846.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-07-12 .

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 188.....

-LOW THE EXTRA COST.

YOURS TRULY,

Amelia White

E. H. JOHNSON ESQ.

65, FIFTH AVENUE,

NEW YORK. U. S. A.

I send you letter from Mr. Spier
received today. How can two
business be less successful than

Am

one?
E. H. Johnson
July 15, 1883
I will be in
London on
the 15th

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-07-14

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 14TH JULY, 1883.

J. A. EDISON ESQ.,

65, FIFTH AVENUE,
NEW YORK, U.S.A.

DEAR SIR,

Handwritten notes:
2
Edison
14th July
1883
J.A. Edison
65, Fifth Avenue
New York
U.S.A.

I BEG TO CONFIRM CABLEGRAM AS FOLLOWS:-

FROM YOU 14TH JULY.

SHALL I ORDER CRITERION REGULATOR?

TO YOU 14TH JULY.

NO, THANKS.

WE THINK IT BETTER NOT TO TROUBLE YOU WITH THIS MATTER,
BUT TO HAVE THE REGULATOR MADE BY MR. BATCHELOR, AS THERE HAVE BEEN CON-
SIDERABLE ALTERATIONS MADE IN THE CIRCUITS AT THE CRITERION THEATRE
SINCE FIRST ARRANGED AND IT WOULD BE DIFFICULT TO COMMUNICATE TO YOU
AN EXACT IDEA OF THESE ALTERATIONS BY CABLE.

I AM, DEAR SIR,

YOURS TRULY,

Handwritten signature: J. V. [unclear]

MANAGING SECRETARY.

Please refer to
E. H. B.

ADDRESS FOR TELEGRAMS: MATHER, MANCHESTER.



SALFORD IRON WORKS,

MANCHESTER 16th July 1883

TELEPHONE NO 556

We will have drawings
Mr. Thomas A. Sprague
revised and will
send you U.S.A.
Dear Sir, your details

In accordance with
his instructions from our
Mr. B. H. Mather who we
understand has spoken
with you on the matter.

We wish to know if you
will be so good as to allow
Mr. Sprague to send us

full details to alter a
60 light & a 250 light system
of your old type on the
improved principle you
are now adopting and
we shall be much
obliged if you will
instruct Mr. Sprague
to send us the necessary
information.

Yours truly
Mather & Platt

1883-57-16

1883-87-18.

B.

Telephone No. 340.

The Edison Electric Light Company, Limited.

74, Coleman Street,

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY

London, E.C., ~~NEW 1111~~ 1883.

THOS. A. EDISON ESQ.

DEAR SIR,

PLEASE ADVISE ME OF THE RESULTS OF YOUR VISIT TO THE THEATRE AND OF THE
 WITH REFERENCE TO YOUR ENQUIRY IN REGARD TO THE NUMBER
 OF LAMPS AND THE NUMBER OF CIRCUITS IN EACH AND ANY PROPOSED ALTERATIONS
 IN THE THEATRE AND OUR REPLY. WE WERE TO SAY THAT SUBSEQUENT TO
 MR. JOHNSON'S DEPARTURE, THE NUMBER OF SEPARATE CIRCUITS WAS INCREASED
 TO EIGHT AND THE NUMBER OF LAMPS ON EACH WAS AGAIN ALTERED AFTERWARDS.
 WE WERE THEREFORE UNABLE TO GIVE YOU THE NECESSARY DETAILS WITHIN THE
 LIMITS OF A CABLE MESSAGE AND AS ALREADY ADVISED YOU, WE WILL MAKE THE
 ARRANGEMENTS WITH MR. BATHURST TO SUPPLY THE NECESSARY
 LAMPS ETC.

Yours faithfully,

 H. STEPHENSON
 SECRETARY.

1883-07-24

65 Fifth Avenue,
New York, July 24th 1883.

Theodore Waterhouse Esq.,
1 New Court, Carey Street,
Lincolns Inn, London, W.C.
England.

My Dear Sir:-

I have read with attention your favor of the 7th. inst and have received full explanations from Mr. Johnson of the terms of the paper submitted to me respecting the proposed amalgamation with the Swan Company.

I have to thank you for the clearness and fullness of your statement of reasons supposed to be in favor of adopting that plan.

It would be now idle and out of place to debate any longer whether such an amalgamation ought at any time to be made.

I yield to the claim which is made with great apparent reason, that the better knowledge of your directors of the local and temporary circumstances gives them the right to have their opinion prevail.

The increase of capital and of interest thereon, accompanied by a decrease of my deferred interest on "B" shares must, as you will allow, make it a serious question for me to consider whether in any case I shall personally gain by this change.

I learn from persons accustomed to English rates of interest that seven and a half per cent is regarded as a very high rate and have also heard the opinion expressed that a cumulative dividend of seven and a half per cent. may practically debar the "B" shareholders from realizing, for a long time at least, any dividend which

1883-07-24

will compensate for my labors or for the actual outlay(exceeding what any shareholder in your company has paid for shares) incurred in producing the inventions which you now own.

I cannot judge whether this is so; I am however strongly desirous to aid the holders of "A" shares in realizing the profits which they have anticipated. I have therefore, after consultation with Mr. Pabbri, Mr. Lowrey and Mr. Johnson, decided to withdraw all opposition to a practical amalgamation if it can be done with the following modifications of your plan:-

First:- The preferred annual dividends upon "A" shares shall be six per cent. cumulative; the division after that payment to be as proposed.

Second:- The Company shall be called the Edison Electric Light Company; or at least shall be distinguished by my name in its title solely. The company may at all times and in any manner put forward the fact that it is the owner of the Edison, Swan and Hopkinson or other patents. To this I have no objection.

The last condition is made solely on business grounds of great importance to me, and not at all upon any such feeling as might be naturally imputed to me of wishing to gain in this way a concession as to the disputed claims of Mr. Swan and myself concerning lamp patents. I leave out of view the fact that we are disputing these claims; but the property which this company is to own and operate is an Electric Lighting system, to which I have contributed other inventions as indispensable to commercial success, my title to which is not as I understand disputed anywhere. Moreover I am under contract with your company in respect to all my future inventions relating to Electric Light. I expect continually to make additions, some of which may be of great value. I am also largely interested

1883-07-24

---3---

in every other country in these inventions and in their good fame. If because Mr. Swan and I are disputing in respect to one element of an Electric Lighting system, I should consent to have all the other great variety of inventions made or to be made by me merged and their identity lost in a common name, the pecuniary loss to me might be greater than any gain which I can expect from even the most successful operations on your part in England.

It would be better for me to lose at once and for ever the interest which I now have in your company, and be free to make other connections in respect to future inventions, than to lose the advantage, in other countries, of having my system clearly recognized.

I remain in this country, and wherever else I can, as large an owner as possible in my inventions. I have never parted with any of my holdings except when compelled in order to carry on my various works. Other holders are free to divest themselves of their holdings when they can do so with a profit; but I am bound by pride of reputation and by pride and interest in my work, to remain interested in the business. I expect to be a large owner in all companies employing ^{my} inventions after most persons now interested shall have sold out and retired with their profits.

You will hardly expect me to continue working to build up by new inventions and improvements a business in which the identity of my contributions has been lost; especially when the preservation of that identity is so necessary to the value of my similar interests in all other countries.

If Mr. Swan remains interested as I do; and if his contributions heretofore have been as extensive and various as mine; and if he intends continuing to devote an active life to making constant additions to the property of the amalgamated company; and if his

1893-07-24

...procuratory interests in other countries are subject to be affected as mine are by the use or non-use of his name in England; then his friends may with equal force say what I have said. In that case there is an insurmountable obstacle to an amalgamation, since neither of us ought, as I think, to give away whatever advantage is liable to accrue from proper credit being given in the course of the development of our respective labors.

I believe the force of those reasons for declining to favor or participate in any amalgamation which does not conform to the above conditions will be admitted by yourself and by the directors of your company; and I hope also by the men of business who compose the Swan Company. In all other respects I accept what is proposed.

Should those conditions be conceded I shall then wish to have the specific form of the amalgamation and of all the necessary papers submitted to me for approval before being adopted.

Yours very truly

1883-07-24

2

which they have anticipated. I have therefore after consultation with Mr. Fabbri, Mr. Lowrey and Mr. Johnson decided to withdraw all opposition to a practical amalgamation if it can be done with the following modifications of your plan.

First. The preferred annual dividends upon "A" shares shall be six per cent. *Accumulating, the ~~stock~~ dividend after that payment, the shares proposed.*

Second. The company shall be called the Edison Electric Light Company; or at least shall be distinguished by my name with ^{solely} ~~out the name of any other inventor~~ in its title. The company may at all times and in ~~every~~ ^{any} manner put forward the fact that it is the owner of the Edison, Swan and Hopkinson or other patents. To this I have no objection.

The last condition is made solely upon business grounds of great importance to me, and not at all upon any such feeling as might be naturally imputed to me of wishing to distinguish myself ^{in this way} ~~to the claim~~ ^{as to the respective claims of Mr. Swan & myself concerning lamp patents}. I leave out of view ~~all the fact that he~~ ^{and I are disputing the claim to the lamp, and assume that he is} ~~justified in making his claim.~~ But the property which this company is to own and operate is an Electric Lighting system, to which ^{other} ~~to commercial success~~ I have contributed inventions as indispensable as the lamp my title to which is not as I understand disputed anywhere. Moreover I am under contract to ^{with} ~~give to your Company~~ ^{the result in respect to} all my future inventions ^{relating to} concerning Electric Light. I expect continually to make additions, some of which may be of great value. And moreover I am largely interested in every other country in these inventions and their ^{also} ~~their~~ good ^{repute}. If because Mr. Swan and I are disputing in respect to one element of an electric lighting system, I should consent to have all the other great variety of inventions made or to be

1883-07-24

4

That case there would be an insurmountable obstacle to an amalgamation, since neither of us ~~would be justified~~ ^{ought} as I think ^{to give} away whatever advantage is liable to accrue from ^{proper credit being} ~~a successful~~ ^{given in the course of the} development of our respective labors.

I believe the force of ^{Rose} ~~my~~ reasons for declining to favor or participate in any amalgamation which does not conform

to the above conditions will be admitted by yourself and ~~your~~ ^{the directors of your company} fellow shareholders, and also I hope ^{also} by the men of business who compose the Board of the Swan Company.

^{In all other respects I accept what is proposed.} Should these conditions be ~~conceded~~ ^{conceded}, I should then ^{shall} wish to have the specific form of the amalgamation and all the ^{necessary} papers submitted to me for approval before being adopted.

Yours very truly,

Theodore Waterhouse Esq.

I New Court

Carey Street, Lincolns Inn.

London W. C. England.

73
1883-07-25
Nick
RESPECTFULLY SUBMITTED.

To the Directors and Shareholders of the
EDISON-ELECTRIC-LIGHT-COMPANY (LIMITED), London.

QUEEN'S HOTEL, ST. MARTINS-LE-GRAND,
LONDON, E.C., July 25, 1883.

SIR,
The enclosed correspondence is respectfully submitted for your consideration as a stockholder in the EDISON ELECTRIC LIGHT COMPANY (LIMITED).

SAMPER'S PATENT PULLEY GRIPPER, to which reference is made herein, is a mechanical appliance of great utility in, amongst other things, Electric Lighting. While of very little cost, and easily applied, it saves power, economises fuel, belting, and oil, obviates hot shafts and bearings, and secures perfectly steady motion, thus largely improving the light, whatever system may be used for its production. It also economises places, permitting the use of dynamos and engines in the most confined places, thus allowing of the installation of the light in situations where otherwise it would be excluded from lack of space.

I took up the English Agency for this patent in April last, and upon application to Mr. E. H. JOHNSON was allowed to place a trial Gripper upon one of a pair of engines employed by your Company at the Holborn Restaurant.

I caused most careful tests to be taken, with the following results:—

No. 1 Engine, without Gripper.

No. 2 Engine, with Gripper.

DATE.	LOAD.		STEAM PRESSURE IN LBS.		REVOLUTIONS OF ENGINE.		REVOLUTIONS OF DYNAMO.		CONSUMPTION OF COAL.	
	No. 1.	No. 2.	No. 1.	No. 2.	No. 1.	No. 2.	No. 1.	No. 2.	No. 1.	No. 2.
April 18	250	250	50	50	133	130	790	825	Not Taken.	Not Taken.
" 19	250	250	50	50	133	131	800	830	"	"
" 20	200	250	50	50	133	131	795	830	"	"
" 21	Not at work.									
" 22	160	200	45	45	136	131	815	840	"	"
" 23	Not taken.									
" 24	174	250	45	45	136	131	802	815	"	"

SPECIAL TESTS FOR CONSUMPTION OF COAL.

DATE.	LOAD.		STEAM PRESSURE IN LBS.		REVOLUTIONS OF ENGINES.		REVOLUTIONS OF DYWIDRO.		CONSUMPTION OF COAL.	
	No. 1.	No. 2.	No. 1.	No. 2.	No. 1.	No. 2.	No. 1.	No. 2.	No. 1.	No. 2.
1883. April 25	200	250	50	50	136	132	804	824	11 cwt.	9 cwt.
" 26	200	250	50	50	130	131	788	829	10 "	8 "
" 27	200	250	50	50	134	132	794	827	10 "	8 "
" 28	200	250	45	45	134	132	794	828	10 "	8 "

THIS SHOWING AN ECONOMY OF **32 per Cent.** OF POWER, and with this the lights on the Gripper Engine were completely without "wink." I brought these results to the notice of Mr. JOHNSON, who, however, told me that he had no part in the management of your Company, and referred me to Mr. ARNOLD WHITE.

I repeatedly applied to Mr. WHITE to know whether or not your Company would take up the invention on any terms.

On the 18th May he wrote me, giving what purported to be a report by the Company's Consulting Engineer, condemning the system, and stating that it did not accomplish what I claim for it. I at once (viz., on the 21st May) took further and most careful tests, in the presence of Mr. BIGGS, the Editor of the *Electrician*, and Mr. HOLLOWAY, your Superintendent of Isolated Plants, the result being a substantial confirmation of the first series of tests. I made inquiries, and found that your Company's Consulting Engineer is Dr. HOPKINSON, and I have the best of reasons for believing that he has never been invited by Mr. WHITE to make tests of SAMPER'S invention, still less has he done so and condemned it. Believing this, I have almost daily endeavoured to get Mr. WHITE to give the application an open and unprejudiced test, but without success. On the 7th instant I made the Company the following offer:—

" Mr. SAMPER will manufacture and apply Pulley Grippers to all of your existing installations in London, the cost of said manufacture and application to be paid by Mr. SAMPER, on condition that the Company will make comparisons by actual tests, within fifteen days after the first installation, of the economy of belting and fuel—one-half of this economy to be paid to Mr. SAMPER. These terms to apply to all existing installations of the Company."

With this I gave Mr. SAMPER'S references, either of whom will tell you that he is a solid man, able to give substantial guarantees for anything he may undertake.

I have again and again applied to know whether this has been brought before your Directors, but without result, except that Mr. WHITE refers me to Mr. WALKINSHAW, one of the conductors

of the spurious report already referred to. Hence the annexed letter to Mr. WHITE and the removal of the Gripper.

The Holborn Restaurant installation is now running at the imminent risk of a break down. The engine to which the Gripper was applied is the weaker of the pair, yet it has always, with the Gripper, satisfactorily carried more lights. Both engines have now to be overdriven, and on Monday evening last the Restaurant Manager, Mr. Hamp, told me he was momentarily in fear of the breakage of half his lights through this overdriving.

I bring these facts to your notice in justice to my employer, who has blamed me for so long keeping in hand for your Company, the first refusal of the adaptation of his patent.

I do not complain of Mr. White's sloth, because I have found, during the few months I have been on this side of the Atlantic, that this is the commonest of defects amongst English business men, nor of his crass ignorance in matters electrical, because I find right and left the most ignorant men pitched into responsible positions in Electric Light Companies; but I do complain of his bad faith in attempting to foist off upon me as the Report of your Consulting Engineer a document that never emanated from him, and then refusing me a fair, open, and above-board trial of an invention of the very first importance to Electric Light Companies, as the annexed selection from numerous testimonials will show you.

Yours respectfully,

M. F. ADAMS.

ARNOLD WHITE, Esq.,
EDISON ELECTRIC LIGHT COMPANY (Limited),
74, Coleman Street, E.C.

QUEEN'S HOTEL, ST. MARTIN'S-LE-GRAND,
LONDON, E.C., 23rd July, 1883.

Sir,

SAMPER'S PATENT PULLEY GRIPPER.

I beg to notify you that the offer made to your Company by mine of 5th instant is hereby withdrawn.

I return your letter to Mr. Walkinshaw unused, as I find he is one of the parties concerned in the getting up of the Report sent me in May, which falsely pretended that gripper tests had been made of Mr. Samper's invention, and, with equal falsity, pretended to emanate from the Company's consulting engineer—i.e., if I am rightly informed that Dr. Hoptkinson holds that position. I do not believe that Dr. Hoptkinson has made any report on Samper's system—still less an adverse one. If, therefore, you have no better qualified individual than Mr. Walkinshaw to refer me to, I prefer to withdraw my offer, and I have given orders to remove the Gripper from the Holborn Restaurant installation. I wished the Edison Company to have the first benefit of Samper's invention, on account of my old personal friendship with Edison; but life is too short to struggle any longer with the ignorance and indifference you have shown, and when your Company wants to use the invention, as they certainly will, you will have to treat for it with a hostile company, for I have no doubt that by this day week I can find an Electric Light Company to take it over.

Yours obediently,

M. F. ADAMS.

MR. M. F. ADAMS,
Queen's Hotel, St. Martin's-le-Grand.

DEAR SIR,

In reply to your inquiry as to the working of the Samper's Pulley Grippers fixed by you to our machinery at the Crystal Palace Electric Light Exhibition, we are pleased to bear testimony to their thorough efficiency. We were employing two 10-h.p. and one 16-h.p. engines, by Messrs. Ramsome, Hoole, and Jeffries, to

MEMBERS' CORRECTIONS.

ANY Member of the Committee who desires to make any alterations in the Questions addressed by him to a Witness, is requested to communicate the same to the Committee Clerk at the next meeting of the Committee.

5.

Select Committee on
Electric Lighting Provisional Orders Bills. 1883.

MINUTES OF EVIDENCE

TAKEN before the SELECT COMMITTEE ON ELECTRIC LIGHTING PROVISIONAL ORDERS BILLS.

Friday, 27th July 1883.

[Great inconvenience having arisen from the Publication of Minutes of Evidence taken before Committees, and of Papers, &c. laid before them, it is particularly requested that Members receiving such Minutes and Papers will be careful that they are confined to the object for which they are printed—the special use of the Members of such Committees.]

Friday, 27th July 1883.

MEMBERS PRESENT :

Sir Arthur Bass,
Mr. Selater-Booth,
Mr. Helms,
Mr. Whitley.

Sir John St. Aubyn,
Mr. Story-Manley,
Mr. Henry Northcote.

THE RIGHT HONOURABLE GEORGE SELATER-BOOTH, IN THE CHAIR.

ST. JAMES'S AND ST. MARTIN'S (LONDON) ORDER (No. 5),

AND

STRAND DISTRICT (LONDON) ORDER (No. 8).

Chairman (to Mr. *Messey Thompson*.) WILL you be so good as to provide me from the Board of Trade with a copy of the Provisional Orders which have been granted unopposed within the metropolitan district.

Mr. Messey Thompson.] I suppose in that list you would wish those to be included against which petitions were presented which have been subsequently withdrawn?

Chairman.] Yes, the whole of them.

Mr. Pope.] You will find the list in Appendix 6, of the Board of Trade Report.

Mr. Messey Thompson.] That list includes not only those that were granted, but those which have been applied for and refused.

Chairman.] I want those which have been or will be passed into law by unopposed Provisional Orders.

Sir DANIEL GOOCH, a Member of the House of Commons, sworn.

Examined by Mr. *Shires Will*.

1069. You are Chairman, I think, of the Telegraph Construction and Maintenance Company?—I am.

1070. That Company, I believe, was formed in the year 1864, and since that date, as most of us know, it has carried on a prosperous and extensive business?—It has; a very prosperous business.

1071. Its principal business heretofore has been the maintenance and laying of submarine telegraph cables?—Yes.

1072. I believe up to the present time they have manufactured and laid about 72,000 miles of telegraph cable?

The *Chairman* intimated that it was unnecessary to go into detail as to the operations of the company.

1073. Mr.

27th July 1883.]

Sir D. GOOCH, M.P.

[Continued.]

1073. Mr. *Shires Will*.] Early in this year your company obtained a private Act of Parliament authorising you to undertake the supply of electricity:—We obtained our Act this Session; quite recently, in fact. The Royal Assent was given five or six weeks ago; I do not recollect the exact date.

1074. I will put in a copy of that Act of Parliament, but my learned friends do not question that at all. Now the supply of electricity for electric lighting was not one of the purposes covered by your articles of association?—We were advised that it was not covered by our articles of association, therefore we went to Parliament to make certain.

1075. That being so, your company, as we know, were not in a position to apply for any Provisional Order at the end of last year?—Not until we got our powers about six weeks ago. (*Copy of the Company's Act of Parliament see handed in.*)

1076. Are you aware that your company has offered to the vestry to apply for and have taken the necessary steps by giving notice to apply for a Provisional Order?—We did so as soon as we were in a position to do it.

1077. I believe your company would be willing, with the approbation of this Committee, to deposit the sum of 10,000 £, or whatever the Committee thought right, as a guarantee of your good faith with the Board of Trade to carry out the works which you may undertake?

Mr. Pope.] The Committee can give no such approval, nor can they call for any deposit.

Witness.] But we are quite prepared to make any reasonable deposit.

Mr. Pope.] I do not think you need trouble yourself with that. Any company of which Sir Daniel Gooch is the Chairman would be prepared to carry out its engagements, I have no doubt.

1078. *Shires Will*.] But more than that I ask whether his company will not be prepared to adopt any suggestion of the Committee in order to show the good faith of the company in this matter?—We are prepared to act in good faith in carrying out the work, and whatever the Committee might think right we would agree to.

1079. I do not know whether the Committee remember it, but this was said by my learned, Mr. Pope, in his opening: "I shall be curious to know what guarantee there is, what guarantee you would have, or what guarantee Parliament would have if you listened to the Telegraph Construction and Maintenance Company, and rejected this Provisional Order with proper restrictions upon it." Now, my learned friend says that he does not press for any guarantee?—

Mr. Pope.] I did not say that I did not, but I only said this Committee cannot receive any or propose any.

1080. Mr. *Shires Will*.] My learned friend knows that if the Committee thought fit to make any suggestion, it is quite competent for us to undertake to carry it out. (To the *Witness*.) Is the company of which you are chairman prepared to undertake the supply of electric lighting for St. James's parish?—Yes, we are quite prepared to undertake to light it.

1081. And to spend, I think, a very large sum of money in doing that?—Yes.

1082. Have you any estimate of what it would cost?—Yes; our officers have gone into the cost, and we are satisfied to carry out the work upon such estimates as have been furnished to us; in fact, if we undertake the work we will carry it out whatever the cost may be.

1083. You have simple means for doing it?—Yes, we have.

1084. You have large works and every convenience for carrying out the undertaking?—Yes, we have very large works.

1085. And you would be prepared to furnish the light, I believe, at 6d. per unit?—Yes, that is the estimate that our officers have given us as to what we could do it for. I am not a sufficient electrician to know whether it is an accurate estimate or not.

27th July 1883.]

Sir D. GOUGH, M.P.

[Continued.]

Cross-examined by Mr. Pope.

1086. You said something about having given notice; you have not given any notice, have you, for an application for a Provisional Order for any district?

Mr. Shires Will.] Yes, have you.

Mr. Pope.] But I ask Sir Daniel—

Witness.] I think you had better ask our general manager. I understood we had taken all the steps that were necessary.

1087. For this district?—For St. James's.

1088. But how can you possibly have given notice of it when the Board of Trade took nothing of it; do you mean you have applied to the local authority—Yes, that will be proved by some of the officers than by myself.

Chairman.] I suppose the time has not arrived for the formal steps under the Act?

Mr. Pope.] No; clearly not.

Mr. Shires Will.] Here is a copy of the notice (handing the same to the Witness). Under the Act, notice has to be given before the 1st July, and this notice is given before the 1st July.

Mr. Whitley.] What is that notice?

Mr. Shires Will.] This is the notice to the local authority required by the Act before they can apply for an Order.

1089. Mr. Pope (to the Witness.) All I can make of it at present, Sir Daniel, and you will tell me if I am right, is this, that a company which, until the month of May, had no power to supply electricity at all, now offers to do that which another company is willing to do?—That is not quite the way to put it. We thought it was wiser to take Parliamentary powers; we thought it was doubtful whether our deed gave us power to enter into electric lighting. I think we have ample powers without the Act. I believe our deed of incorporation is quite sufficient, but it was determined to take an Act of Parliament to empower us beyond doubt.

1090. At all events you had not taken any action before you got your Act of Parliament?—Yes, I think we took some action; I think we communicated with the vestry before that.

1091. No, that was upon the 22nd June?—Very well; I will not undertake to speak accurately as to the dates.

[The Witness withdrew.]

Mr. GEORGE LESLIE, sworn.

Examined by Mr. Shires Will.

1092. Are you the Secretary to the St. James's Hall Company?—I am.

1093. The property of that company lies, as we know, between Piccadilly and the Quadrant?—Yes.

1094. It consists of a large hall?—

Chairman.] Yes, we know St. James's Hall.

1095. Mr. Shires Will.] What amount do you spend in gas light in the year?—For the whole establishment about 1,100 £ a year.

1096. And you would be very glad to have the electric light?—We should.

1097. Mr.

27th July 1883.]

Mr. LESLIE.

[Continued.]

1097. Mr. Pope.] And you would rather have it for 6 d. than for 9 d.!—Certainly, or even lower if we could.

1098. Mr. Shires Will.] You have seen the Petition presented to this House, and signed by many of the inhabitants of St. James's, have you not?—I have.

1099. Was any step taken upon this subject in the district at all by the inhabitants?—No, I cannot say that there was.

1100. Were you aware, as ratepayers, that the vestry was doing in the matter, or what action they were taking?—No, I never heard of it.

1101. When was your attention as a large consumer of artificial light drawn to this matter?—About a fortnight ago.

1102. And that was, I believe, by the representatives of the Telegraph Construction and Maintenance Company?—It was.

1103. In your opinion would it be of advantage to your district, if time were allowed for that company to make application for a Provisional Order, so that that might be considered along with any other application for electric lighting?—Certainly.

Cross-examined by Mr. Pope.

1104. Do not you think that in every case where a railway company applies for a line, time should be given to some other company to come in and apply the next Session?—

Mr. Shires Will.] That is quite a different question.

Mr. Pope.] Is it? I have nothing to ask the Witness.

[The Witness withdrew.]

Admiral Sir GEORGE HENRY RICHARDS, K.C.B., F.R.S., sworn.

Examined by Mr. Shires Will.

1105. You are the Managing Director of the Telegraph Construction and Maintenance Company?—I am.

1106. As the letter to the St. James's vestry was signed by you?—I will draw the attention of the Committee to it through you?—I have the letter.

1107. It is dated the 23rd of May 1883, and it is directed to the vestry of St. James's, Westminster: "Gentlemen, I am desired by the board of directors of this company to communicate with you in regard to the establishment of a system of electric lighting in the western part of your parish. This company has a Bill in Parliament which has passed the Committees of both Houses, and will receive the Royal Assent in a few days, authorising them to extend their operations to the business of electric lighting. In anticipation of this power, we have obtained the exclusive right to Mr. Gordon's patents, and have established an installation on his system at our factory, Enderby's Wharf, Greenwich, and some of the members of your body have been good enough to inspect the works. We are desirous of carrying out at once an installation of 10,000 or 15,000 lights in St. James's, and are prepared to go into the necessary details, and to make all the useful arrangements with you for this purpose. We are informed that you are in negotiation with Edison's Company who seek to obtain a Provisional Order over the larger part of your parish, and sundry other parishes embracing under their Schedule A. the very extensive area between St. James's Park and the Green Park on the south and west, Piccadilly and Long Acre on the north, and Wellington-street, Strand, on the east. We respectfully submit to you that the granting of what may practically be exclusive rights for 21 years to supply electric light in such a large area is inexpedient in the interest of the ratepayers. From communications we have had with influential residents in your parish we have every reason to believe that the

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inhabitants

27th July 1888.]

Admiral Sir G. H. RICHARDS, K.C.B., F.R.S.

[Continued.]

Inhabitants generally will much prefer that our company should carry out their project, and a second company be thus brought into the district. We trust that resources, the opportunity of proving in your parish, few of expense to the private electric lighting. Our first approximate estimate of the total number of lights to be provided in the district comprised of the total number of 120,000, involving a capital expenditure of not less than 400,000. We venture to suggest that the better plan of procedure will be that you should consent to a license being granted for a district to be which you should consent to a district should be obtained early, and that a Provisional Order for the same district of gas. We understand that Edison's proposed maximum charge for electric light is 4s. It will, we think, be convenient that the license and Provisional Order should be granted to a separate local company (Whitcomb and Probert) being carried out by us. Our representatives will be happy to attend you at any time and give such further explanations and information as may be desired. Requesting the favour of an early reply to this proposal, as may be course is signed by yourself. The answer to that is dated the 12th of June, probably by this time have heard from the vestry clerk that the electric lighting committee have decided that they cannot consistently oppose the Edison lighting Bill, and that the telegraph company's proposals are the Edison Committee before them at an earlier stage of the Committee's report than that they were the present at an end, but should the telegraph company be the matter is therefore after that they can supply the light at anything like the reduction suggested upon the Edison Company's prices, we do not doubt that the reduction suggested have the pleasure of meeting you again in this business. We are, dear Sirs, yours faithfully.—*Lee & Pemberton.* Then came a formal letter from the vestry of June 1888, "Sir, the vestry of this parish have had under consideration the Telegraph Construction and Maintenance Company, applying to the Board of Trade for a license to supply electricity within a district to be agreed upon, and also a memorial from inhabitants of this parish forwarded by the solicitor, Edison Electric Light Company, requesting that no arrangement be made with the vestry have also had before them your proposal has been made with the Company as settled by the Board of Trade, and this one is dated the 14th of the vestry are informed the Board of Trade, and a memorandum which is the subject, in which it is stated that, "No monopoly is offered to Parliament on neglect their duties in the district, or charge exorbitant prices, there is nothing to prevent the immediate grant of a license or Provisional Order to a competent set of undertakers within the same district." Having carefully considered the vestry are of opinion that it would be premature at the present time, to entertain your suggestion that the company should be afforded facilities to compete with another company, proposing to supply electricity with such a course the vestry, especially bearing in mind that should the above facilities be sanctioned hereafter appear to be desirable, the vestry will have full liberty to introduce your company or any other offering more favourable terms than can be obtained under the Act of Parliament.—I am, Sir, your obedient servant,
Henry Whitcomb, Vestry Clerk. Now notice has been duly given to the vestry Chairman.] We do not want the notice; we will assume that is correct.

1108. Mr.

27th July 1888.]

Admiral Sir H. G. RICHARDS, K.C.B., F.R.S.

[Continued.]

1108. Mr. *Shirress Will.*] Now Mr. Gordon, the electrician, has gone into the question of the estimates, and I suppose you would prefer that that matter should be dealt with by him?—Yes, certainly.

1109. But you have had the matter very carefully gone into, and do you confirm Sir Daniel Gooch, that your company are willing to undertake the lighting of this district and to apply for a Provisional Order for it with all despatch?—Yes, they are quite ready.

1110. Mr. *Pope.*] You say "the lighting of this district;" that is not consistent with your own letter; your letter is in terms confined to the western part?—There is a map which would show it. (The same was handed in.)

1111. Mr. *Shirress Will.*] Are you prepared to apply for a Provisional Order embracing not only such details as the Board of Trade may require as to scheduling areas, but are you prepared to apply for powers to light the whole of the parish of St. James's?—We are not intending to apply for the whole of Schedule A, which is coloured yellow, and under Schedule B, which is coloured blue.

Mr. *Pope* (to Mr. *Shirress Will.*) Upon the very face of your application you are prepared to deal with a system of electric lighting in that western part of your parish; that is your own offer, and Sir George Richards has just said, we do not propose to apply for a Provisional Order for the whole district.

Mr. *Whitley.*] One of the complaints made was the granting of a Provisional Order for the whole to one company, was it not?

Mr. *Shirress Will.*] We made an offer to the vestry which it was for them to fall in with.

Mr. *Pope.*] But there are the facts; if you have anything more to ask the witness, do so, but I cannot cross-examine you.

Witness.] This is the part we apply for (pointing to the plan).

1112. Chairman (to the *Witness*.) You do not apply for the whole parish; that is what it comes to?—No.

(Mr. *Shirress Will* explained the plans to the *Witness*.)

Witness.] [If that comprises the whole parish, then we have asked for it, but I was not aware that it did.]

1113. Mr. *Shirress Will.*] That is what your company are prepared to apply for under the two schedules?—Yes.

Mr. *Pope* stated that he had no questions to ask the witness in cross-examination.

[The *Witness* withdrew.]

Mr. JAMES EDWARD HENRY GORDON, sworn.

Examined by Mr. *Shirress Will.*

1114. You are a Member of the Society of Telegraph Engineers?—I am.

1115. You are the author, I see, of a work upon the subject; were you a member of the International Congress of Electricians?—Yes, I was.

1116. That assembled in Paris in 1881?—Yes.

1117. You have invented, I believe, the dynamo-machine which is called after your name?—I have.

1118. Are you the manager of the electric lighting department of the Telegraph Construction and Maintenance Company?—Yes.

1119. Have you examined the area covered by the Provisional Order of the Edison Company?—Yes, I have.

1120. For

1120. For

Mr. Gordon.

[Continued.]

1120. For St. James's, Westminster, St. Martin's, and part of the Strand district, as shown upon the map?—Yes, as shown upon the map.
1121. Have you calculated the area of the district?—I have.
1122. And the number of lamps required?—Yes, I have.
1123. And the cost that would be required for lighting it by electricity?

1124. Will you state to the Committee what those details are?—To commence with the Edison Schedule A, covers as nearly as possible 203 acres, and all through, it would take to light it so as to supersede gas, that is to say, to light the principal streets and places, first would cost about half that, but the further obligation, that is to say, the second half of the expenditure, would have to be proportional in part, because so much of it consists of the Green Park, which would take very little lighting.

1125. *Chairman.* You are speaking of the public lights alone, are you not?—No, I am supposing it was put on wherever there was a gas jet.
1126. *Mr. Streeves Will.* The length of streets mentioned in the Order is how much?—I make it about 3,800 yards; that is in the schedule to the Order which they say they are going to do first.

1127. Have you prepared a plan of the district which the Telegraph Construction and Maintenance Company would be prepared to light in the St. James's parish, if a Provisional Order were granted to them?—I have it here.

1128. Is your company prepared to undertake the whole parish?—Most certainly; we are not prepared to undertake the whole of the Edison Schedule A, but we are prepared to undertake the whole of the Edison Schedule A. We propose to put into our Schedule A the greater proportion out of the 203 acres, that is to say, 100 acres, but take it at 100 acres, that is included by the red line upon the map that we have prepared.

1129. And you would include in your Schedule A, a portion of the parish which is not in the Edison Schedule A. Is that so?—Yes; perhaps with the pointer I might be allowed to show that upon the large map. I should propose that our boundary should run down the parish boundary, and should take in the lower part (pointing to the plan).
1130. *Mr. Pope.* That in St. Martin's parish, I should take in the lower part (pointing to the plan).
1131. That in St. Martin's parish?—We would take it in if the witness required, and we would also take in the upper part of St. James's.

1132. *Chairman.* We need not go into details.
1133. *Witness.* The upper part of the parish above Glasshouse-street would be in Schedule B.

1134. *Mr. Streeves Will.* What is the amount that you would include in what you propose (subject to the opinion of the Board of Trade) as Schedule B. of the Edison Schedule B. of the letters "St. J." on the plan, that is the bit below Glasshouse-street and Piccadilly?
1135. What you propose is for Schedule A, instead of our Schedule B.; Schedule B. about 76 acres?—Yes.
1136. Now the principal streets in what you would undertake for Schedule A, would be as follows:—

1137. *Chairman.* I do not think we want this in detail. We have the witness's general statement that he does propose to light the whole parish.
1138. *Mr. Streeves Will.* Have you made an estimate of what the work would cost you?—Yes, I have.

1139. What will it cost to light that district?—Again I must take it in two details, as I did in the Edison case; when I spoke of the Edison case, I said

27th July 1883.]

Mr. Gordon.

[Continued.]

said that to entirely supersede gas would cost one sum, but to light all that is likely to want it for some time, would cost half that sum. Taking our Schedule A, to entirely supersede gas, would cost about 200,000 *l.*, but to do all the principal streets, and of course the houses in them, the public and private lighting through all the best portions of the parish, would cost about 100,000 *l.*

1136. The total length of those streets is about 4,745 yards, or 2½ miles?—I think that is so.

1137. Which I think you reckon would be 900 yards beyond what is specified in the Edison Order?—Yes, about that.

1138. May I ask what is the estimated number of lamps, public and private, which you have reckoned for in your 745 yards?—About 37,000 lamps.
1139. Within what time would the company, of which you are an officer, be prepared to complete the work, if you were authorised to do it?—We would undertake to do it in 18 months, but we should have every expectation of being able to finish it in about a year, and the sooner it was finished, the sooner we should be able to earn dividends upon our capital.

1140. Have you gone carefully into the question of the cost, as to the price at which you could afford a supply?—Very carefully indeed.

1141. And you consider that the company would be prepared to undertake to give a supply at the maximum price of sixpence per unit?—Yes.

1142. Do you consider that that price would enable you to earn a fair profit?—I expect that we should realise a very handsome profit at that rate. In fact I think we should very soon find it good policy to reduce the price.

1143. *Chairman.* Is it upon the assumption that you light the whole district?—Yes.

1144. And the people would have their choice whether they would take the light or not?—We should take the chance of that.

1145. *Mr. Streeves Will.* How many units do you think you would require to supply to pay you at your maximum price?—I think that about half the number of lamps; that is to say, about half the 27,000, burning about 1,000 hours a year on the average, would pay us very well.

1146. *Mr. Streeves Will.* As you are prepared to undertake the supply at 6 *d.*, I see you have made a calculation by which it appears that there would be a saving of 10,000 *l.* a year to the inhabitants in Schedule A. district?—Yes, that would be about the rate; that is taking the difference between 6 *d.* and 9 *d.* taking the average annual rental of each lamp.

1147. You would be prepared to supply from one electrical centre, I believe?—Yes, certainly.

1148. If Schedule B. were undertaken, probably that would be from a second centre?—Yes.

1149. With regard to Schedule A., probably the Committee would like to have this in your very short detail. You would propose to have four very powerful dynamos there, I believe?—Three or four.
1150. I will not go into any details with you in the first instance, but you have prepared, are you not, to answer any questions upon it, showing how you have made your calculations?—Yes.

1151. The Gordon dynamo, I believe, is a very powerful dynamo, the most powerful, I believe, at present in the world?—It is.

1152. *Mr. Streeves Will.* Do you suppose you can get electricity any cheaper with your dynamo?—We can supply it cheaper with our dynamo; I shall be happy to explain the reasons why we think so.

1153. *Mr. Streeves Will.* The Telegraph Construction and Maintenance Company would be able, would they not, to use any lamp that they thought fit?—We should be free so to adjust our electro motive force that it would suit the best lamp; we should not have to give a practical recommendation to one particular lamp by fixing the electro motive force to suit it only.

Mr. Gordon.

[Continued.]

Cross-examined by Mr. Moulton.

1154. I think you heard Dr. Hopkinson give his evidence?—I did.

1155. And you heard him say, did you not, that the Edison Company could do it as cheaply, or more cheaply, than any other company?—Yes.

1156. I presume you would not match your experience in electric lighting against Dr. Hopkinson?—I would match my knowledge of electric lighting against Dr. Hopkinson.

1157. My question is, would you match your experience in electric lighting against Dr. Hopkinson's?

Mr. Bidder objection to the question.

Mr. Moulton.] I want to know your experience.

Hopkinson.] It is quite implied if he states his opinion against Dr.

1158. Mr. Moulton (to the Witness.) I was asking you your experience; have you ever done an atom of electric lighting except in your works?—Quite true I have not done one except at our works.

1159. You have done no electric lighting except at your works?—It is entirely under your control?—And, therefore, within my knowledge.

1160. I believe you have never seen any systems of public supply?—I have seen all the systems of public supply which are going on.

1161. The public supply is only in existence in New York and upon the electrical apparatus and upon the subject of electric lighting; I know practically

1162. You are talking about not giving any recommendation to any particular Provisional Order that your potential shall not be changed?—Subject to any

1163. And then only with the consent of the Board of Trade, and upon paying the consumers the value of their fittings?—The value of their lamps.

1164. Do you suggest that it is of any value to an electric lighting system of advantage to be able to change its potential?—No, it is not, but I suggest it is

1165. You say you are perfectly free to use any lamp you please. I believe they have not.

1166. Your company are compelled to use your dynamo, are they not?—No, they are not.

1167. I believe they have paid a large sum to you for the patent of it?—That is a matter between the Company and myself.

1168. Have they paid a large sum to you for the patent of it?—That depends upon the royalties which are paid for the use of it.

1169. Have you not heard that the Edison Company is free to use any dynamo they please?—I do not know about it.

1170. Do you suggest that your company can supply electricity cheaper than the Edison Company?—Yes, I do.

1171. Can you tell us why?—There are several reasons why we can; there are several minor reasons, and one which I consider a very important

1172. Will you give us the important one first?—It is this; it is the difference in the wages account between large dynamos and comparatively small

1173. Dr. Hopkinson, in his evidence, has stated that an essential feature into the Edison system is to have a number of dynamos pumping electricity into the

1174. That is an important point, but that means that you have necessarily a considerable number of dynamos. Now these dynamos, are dynamos which I understand to be generally used by the Edison Company, are dynamos

supplying

27th July 1883.]

Mr. Gordon.

[Continued.]

supplying from 1,000 to 1,800 lamps, or perhaps a little more, each dynamo having its own steam engine. Each dynamo must be properly regulated, and must have its engineer attached. In fact each dynamo must have three men in attendance; there must be one man in the dock room to regulate the pressure; there must also be an engine driver and an oiler always in attendance, with three shifts in the 24 hours, that is equal to nine men to each engine and dynamo, whose total wages will amount to 700 L. a year for each dynamo.

1173. Your system does not require so many men for each dynamo, does it?—It requires as many men to each dynamo, but we use much fewer dynamos.

1174. Chairman.] I understand you to say that you work your dynamo with a smaller expenditure of labour?—It is the same expenditure per dynamo, but the dynamo being 10 times larger, it is only a tenth of the expenditure per lamp.

1175. Mr. Storey-Mackelvie.] How many lamps does your dynamo work?—We have proposed to make them to work from 12,000 to 15,000 lamps.

1176. Mr. Moulton.] Have you ever made one to work as many as 5,000 lamps?—We have made one that will work, as we have every reason to believe, 5,000 lamps when at full power, but we have not yet developed it.

1177. How much have you got out of it; have you ever got more than from 1,500 to 1,600?—We have used it up to nearly 1,800, and then we were stopped

1178. By the fact that we had not sufficient engine power. A certain quantity of steam power is required for each lamp. The dynamo did a good deal more than I, or rather than my partners, expected when we arranged the engine power for it; therefore we had not got in the place a sufficient engine power. We put a

1179. Number of lamps on a portion of the dynamo, which satisfied us that the dynamo was working at much less than half its power, and the principle of the dynamo was such that we are satisfied we could increase it to an enormous amount.

1178. You have not, as a fact, worked more than 1,800 lamps on one dynamo?—No.

1179. You believe it will go to 5,000, but it is only belief?—We are prepared to guarantee that we can make a machine of about this size which will do

1180. 5,000. That is the only one that has ever been made, is it not?—Yes; and therefore the next machine may be expected to be a good deal better.

1181. The estimate that you can do up to 12,000 is a belief of yours?—It is a calculation; it is not a belief. If the engineer of a steam engine can do

1182. Certain work with an engine of a certain size, he can calculate (taking it at so much per horse-power) that he can get out of an engine so much larger horse-power, or so much larger size of the different parts, so much more work.

1183. Do you say you can calculate with your dynamo, as an engineer does with a steam engine; do not you know that there has been a great difference of opinion amongst the first electricians as to how that calculation is to be made?—Yes.

1184. Do you say you can calculate with your dynamo, as an engineer does with a steam engine; do not you know that there has been a great difference of opinion amongst the first electricians as to how that calculation is to be made?—Yes.

1185. And that therefore you cannot calculate with the certainty at all that you can with a steam engine?—We cannot calculate with quite the same certainty as with a steam engine.

1184. Or anything like the same certainty?—Not quite the same.

1185. Do not you know that there are differences of opinion of the widest character upon that point?—I do not think the knowledge of electric engineering is diffused at present, but among very few.

1186. I ask you whether there is any certainty in the calculation?—I can only say I do not agree with you.

1187. You will admit that a great number of good electricians differ from you?—Yes.

1188. Now you say you are going to use large dynamos; I will not touch upon the question of whether they are cheaper or not than the Edison in respect of production; they will each work separate circuits, will they not?—Yes, they will.

1189. Upon your system of the dynamo stops, the lamps on the circuit will

0.104-5.

actually

27th July 1883.]

Mr. Gordon.

[Continued.]

actually go out, will they not?—No, because we shall have a spare dynamo in reserve, which can be switched on if the first is working stops.

1190. I say that the lamps on that circuit will go out when that dynamo stops working?—No, we shall switch the other on before the lamps go out.

With these large machines you have always plenty of warning of accident. The only kind of accident which can happen to this sort of thing is a hot bearing, of which the engineer has always 20 minutes' warning.

1191. You know if there was any accident to the main, the light would go out at once?—That is just the same as would happen to the Edison dynamo.

1192. You have heard Dr. Hopkinson say, did you not, that if that happened in any dynamo belonging to the Edison system, it would produce next to no effect upon the light?—Yes, I did.

1193. Is that true?—I do not know. I do not know what the Edison will do.

1194. What right have you then to say that your dynamo will work more cheaply than the Edison system?—I do not know what the Edison will do with regard to switching.

1195. Do you know what the cost of the Edison working is?—Yes.

1196. How do you know that?—By the tables of the cost of the wages, and the number of men that it is known each dynamo requires.

1197. Do you state that the Edison people have ever made any such statement about their dynamos as you have made?—Each dynamo has a steam engine, and we know what each steam engine will require.

1198. Who told you that each dynamo had a separate steam engine?—All the Edison dynamos have which I have seen.

1199. That depends upon whether the steam engine is strong enough to drive two dynamos, does it not?—If you have one steam engine to each two dynamos that increases the danger of a break-down, because the danger of the break-down of the engine is the larger element of danger; that is the thing most likely to break-down.

1200. That would not in the least affect the supply from different centres, as you regard keeping up the consumers' lights, would it?—I do not understand

1201. Do you work your dynamos from the centres to a network of mains?—Yes, we work to a network of mains.

1202. From one single dynamo?—Yes. And with regard to the possibility of the breakage of a main, I have 128 wires from each of my dynamos to go to two supplying mains, while the Edison Company have two wires from each dynamo to two mains, so that if any one of my 128 wires breaks, it only cuts off a corresponding fraction, that is to say, 1-128ths of the current.

1202-3. Mr. Bidder.] And the case of the Edison light, what happens?—As far as that dynamo goes, it is broken down.

1203. Mr. Moulton.] The thing I want clear before the Committee is this: In the Edison system the generating centres supply to a network of mains, and they must all fail before the supply to the network fails?—Certainly not.

Chairman.] We cannot compare the two systems in detail; we have to from the Witness that that is his opinion that he can supply better and smaller proportion of dynamos per lamp; what is the next reason?

1204. Mr. Moulton.] I wish to show that that has a more serious influence upon the consumer than corresponds to any saving to the producer. (To the Witness.) Is it not the fact that each of your circuits is independent, and that if anything happens to it, it goes out without receiving any assistance from any other?—No, that is not the case.

1205. What other circuit would it receive any assistance from?—The estimate upon which we furnished to the town of Nottingham has been commented upon.

1206. Which has not been accepted?—No; that question has been postponed till next year, that we might see to what other towns did. The arrangement proposed in that estimate was to lay down mains double, so that every house had

27th July 1883.]

Mr. Gordon.

[Continued.]

half its light from one machine, and half from another. Those double mains do not require any extra expenditure of copper, merely a slight extra expenditure of iron tube; if upon the single system we should be laying a main for 1,000 lamps, then upon the double system we should be laying two mains for 500 each.

1207. Does not that require a double system of meters all through, and double wires in the houses?—It requires a double system of mains, but not a double system of meters.

1208. Has that practice which you have now ever been tried?—It has not been tried except experimentally, but it has been tried in our works, and successfully.

1209. It has not been tried to measure the whole supply in the works, has it?—No, hardly so, seeing that we have 2,000 lamps in the works, and we have only a meter made for 25 lamps; of course it has not been tried for measuring the whole supply.

1210. I think you have rather gone from the point to which I called your attention. In your system, do not you have two sets of wires in a house which are quite independent of each other?—Yes.

1211. Do you mean to say that that will not increase the cost to the consumer?—Certainly not; it will increase it in one way, but it will not increase it by nearly as much as is saved by the other advantages of the system.

1212. What are the other advantages of the system?—The saving in wages, for example.

1213. Your system is the alternating system?—Yes; but before I leave that question of the wages, may I mention what a large sum those amount to. Upon an estimate for about 25,000 lamps, where, according to the system we work upon, the current expenditure would be about 22,000 £, by using two dynamos at work, and one in reserve, each dynamo being of the power of 15,000 lights; if we use dynamos of the power of from 1,300 to 1,500 it would increase the total expenditure by considerably more than 50 per cent.

Mr. Moulton stated that he would not further cross-examine the Witness on this point, but would ask leave to call two eminent witnesses to prove that the statement was inaccurate.

Mr. Moulton (to the Witness.) Is it not the fact that because yours is the alternating current, the motor will have to be double or quadruple what we required for a direct current?—

Chairman.] This is not a question that we need try out in the way that you desire. If ever this gentleman goes before the Board of Trade he will have to make good his position, and show them how he proposes to work his engines.

Mr. Moulton.] This Witness says his system is cheaper than the Edison system.

Chairman.] He says they prefer to sound more cheaply than the Edison Company, but you can only get *prima facie* evidence that that is so.

Mr. Bidder.] For the purpose of this case, I think the case I am going to put before the Committee, is that we believe we can do it, but it is not necessary for that purpose to put before the Committee all the details of the apparatus.

Mr. Pope.] It is a little important that the Committee should be able to estimate whether the Witness's belief is well or ill-founded, and should know what evidence he can bring forward to justify his impression.

1214. Mr. Moulton.] I will only ask one question which goes directly to the question of cost, whether the mains would not have to be at least double or quadruple the size that they would be with the continuous current?—I say they would be just about the same size.

1215. Is not the potential proposed, only half what it would be by the continuous?—

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11

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27th July 1883.]

Mr. Gordon.

[Continued.]

tinuous system?—Our potential is 105; the Edison potential is, I believe, 110.

1216. You know that the limits of potential granted by the Board of Trade to continuous currents, are 200, and to alternating currents, 100?—Yes, but to know any lamps at present which work much over 100 volts.

1217. At all events, the limits would permit of mains one half or a fourth of the size of yours, would they not?—That is always supposing that you could find an incandescent lamp which would work up to the limit of the direct current; which has not been invented yet.

1218. The mains are the chief cost of the installation, are they not?—I should say not.

1219. What do you say is the chief cost?—It is one of the large items, undoubtedly.

1220. That is enough for me. Therefore those who advocate the continuous current, have liberty to develop in a direction, which would divide by 2 or 4, the cost of what would, under your system, be the larger items?—And at the same time we would reduce by 2 or 4, or even more, the cost of another of the larger items; that is to say, the cost of the attendance upon the dynamo.

1221. Is not the reduction in the cost of the dynamo very much smaller than the reduction in the cost of the mains would be?—No; I consider say the reduction be half or a quarter.

1222. Mr. *Stary-Maskebyne*. What proportion of the cost of the installation do you attribute severally to the dynamo and to the wires?—That entirely depends upon the size of the district; taking such a district as this.

1223. Taking 27,000 lamps, for instance?—I should say that then the mains would be considerably less than a quarter of the whole cost.

Mr. *Pope*.] I understood Mr. Gordon to say that his calculation of his cost was based upon the assumed consumption of 37,000 lamps.

Chairman.] I asked him whether the basis of his calculation was upon the assumption that the whole of this district would be completely lighted, and that he would have all that custom at once, and he said he did not reckon absolutely upon that, but he was not quite clear as to whether he expected that a very large demand would be immediately available.

Witness.] It was half of half. We proposed to light the principal streets first, as has been proposed by all the other companies. Then I suggested that about half that number of lamps might be taken tolerably soon.

1224. Public and private?—Yes, the public lamps are more valuable and paying lamp for lamp, than private lamps, as they burn more hours in the year. The public lamps burn, say 4,180 hours in the year, while the private lamps burn a much fewer number of hours. Again, in a club district, the number of hours burning, which is the criterion of whether it pays or not, would be very well be valuable ones.

1225. Mr. *Moulton*.] You say you calculate about half the number of lamps burning about 1,000 hours each?—Yes.

1226. Would not that practically mean that it was used instead of gas?—Supplied by the plant, practically mean that that number of lamps to be

1227. Practically you mean supplying a district instead of gas?—No, I mean supplying about half the district instead of gas.

1228. Do I understand you to say that there are about 54,000 lights in the district?—Yes.

1229. *Chairman*.] You assume the public authority will engage you to light either half or the whole of the district?—We hope it; but we do not assume it.

1230. Mr. *Moulton*.] It is upon that output that you calculate you could do it

27th July 1883.]

Mr. Gordon.

[Continued.]

for 6 d.?—No, I calculate I could do it for about half 6 d. upon that output.

1231. Do I understand that you could do it upon that for half 6 d.?—Here I have stated what we think we can do, but we have taken 6 d. as what we consider a perfectly safe margin, and we would contract to do it for 6 d.

1232. You say you would hope to be able to reduce it below 6 d., because you think it would be politic for you to do so?—Certainly.

1233. Do you think that the Edison Company will not do the same?—No doubt they will do it if they can, but I do not think they could do it so cheaply as we can.

Chairman.] The Committee do not wish to pursue this any further, they have the Witness's statement.

Re-examined by Mr. *Bidder*.

1234. You believe that you are correct in the views which you have put before the Committee?—I do.

1235. I am not going to follow these details, but in point of fact, although you hope to get half the district, your estimate of 6 d. does not depend upon your getting half the district?—No, certainly not; it is what we are prepared to risk; we make that offer of 6 d., independently of a single promise to take the light.

1236. I take it without going into the detail, that as you increase the number of your customers, so, *pari passim*, you put on fresh dynamos?—Yes, we shall, with each increase.

1237. Your expense of installation is proportional, except with regard to the number of mains to the number of customers?—Yes, except that we shall make a larger start at first.

[The Witness withdrew.]

Mr. CHARLES ERNEST SPAGNOLETTI, sworn.

Examined by Mr. *Bidder*.

1238. You are a member of the Institute of Civil Engineers, and Vice-President of the Society of Telegraph Engineers and Electricians, and I believe you have had very extensive experience in electrical engineering?—I have.

1239. You have had practical experience of public lighting in various places; you have had charge, for instance, of the Paddington Station lighting?—Yes.

1240. Have you been down to the Telegraph, Construction and Maintenance Company's works, and seen the system with Mr. Gordon's dynamo at work?—I have.

1241. What is your opinion of that system?—I think the machine seems an exceedingly efficient one, it is very excellently built, and I think is one that is quite capable of doing the work that it is anticipated from it.

1242. Have you tested that and other machines with the view of forming a judgment as to their relative efficiency and economy?—I have assisted at the testing of other machines, and have found that the Gordon machine is quite equal to any of the other machines which have yet been made.

Mr. *Pope*.] I am not going to say anything against the Gordon machine.

1243. Mr. *Stary-Maskebyne*.] What do you mean by "equal to," in economy or efficiency?—In efficiency in producing current.

1244. What is the loss of energy, for instance, in converting the work of the steam engine into the work of a dynamo?—It depends upon the character of the machine

27th July 1883.]

MR. SPAGNOLETTI.

Continued.

machine; they vary from 50 to 95; that is to say, the power you put in, compared to the power you get out of it.

1245. What do you get out of the Gordon machine?—From 95 to 98.
1246. Mr. Bidder.] Does that mean per cent.?—Yes.
1247. Mr. Story-Marske.] What do you get in the Edison?—About 95.
1248. Then they are nearly equal?—Yes.
1249. Mr. Bidder.] There are great advantages, I believe, in the Gordon lions of the speed being less?—Yes, that is an important point; the reverse of them run to 2,000.
1250. That means less wear and tear?—Yes, and smaller expenditure of force.

1251. Mr. Story-Marske.] But there is greater centrifugal action in this wheel.
1252. Mr. Bidder.] I believe last year you tried various machines at the Crystal Palace when the electric exhibition was there, to test that economy?—Most of the machines that were exhibited there.

1253. Mr. Gordon's machine being one of them?—No, I beg your pardon; Mr. Gordon's machine was not one of those that were exhibited.
1254. How does it compare to those that you had there.
1255. I do not know whether you have gone into the question so as to be able to tell the Committee whether Mr. Gordon is right in his views as to being able to supply electricity at 6 d. per unit.

1256. Mr. Pope.] Let me interrupt you to ask what was the highest that it compared with?—The highest was the Whitehouse Mills machine.

1257. Mr. Bidder.] Now would you kindly answer the question I was asking is right in saying that he has good reason to believe that he can supply electricity for 6 d. as a maximum?—Yes, I believe from the data that we have upon the subject of the supply of electricity, he can do it well for that.

1258. Now a word or two about the district of St. James's, Westminster; supplied from one or more centres?—I think it would be a very risky thing indeed to supply a large district such as that from one centre. Taking into account the enormous number of lamps that would be there, I think that district would be very much better divided.

1259. Mr. Story-Marske.] You are not concerned in any of these schemes in any way, are you?—No, I am simply a disinterested witness.

1260. Would you feel any difficulty about using the alternating currents for ordinary purposes?—No, I like them better; in fact, the alternating currents are very largely used.

1261. Do you think that there is any preference to be given to the alternating current?—I do not think that there is any preference to be given; I think one is as good as the other for lighting purposes.

1262. Mr. Bidder.] With regard to the question of the district, you have the hand map before you, take the district which is surrounded by the red line, is that in your judgment as much as you could conveniently work for lighting lights from one centre?—Yes, I think this would make a most convenient district for lighting.

1263. That is the district which Mr. Gordon proposed to deal with. But as regards that district north of H, which is surrounded by a brown line, if that were to be taken, would that, in your judgment, for electrical working require a separate centre?—Yes, a separate centre should be placed there, decidedly.

1264. In your judgment, having regard to what I may call the infancy of electric lighting science, is it preferable at present to deal with areas of moderate dimensions?—Yes, I think the only plan, in fact, to get the practical result of the different systems of electric lighting is to have as many of them as are capable

27th July 1883.]

MR. SPAGNOLETTI.

[Continued.]

capable of doing the work, as far as we are able to judge, tried after that we can make our selection as to which are the best. It is comparatively a new system of lighting in such areas as these.

Mr. Pope stated that he had no questions to put to the Witness in cross-examination.

Mr. Mezey Thompson.] I have had the list, Sir, prepared that you asked for just now. I understood you to mean that the list was to be confined to the metropolitan areas, subject to the Metropolitan Board of Works. Within that area 19 Orders have been granted to the Metropolitan Brush Company, with the consent of the local authority, one to Ferranti, one to Pihel Joel, and one to the Swan Company.

Chairman.] I thought several were granted to the local authorities.

Mr. Mezey Thompson.] Only one to the St. Pancras Vestry within the metropolitan area. Then, in addition to that, these Orders which are now before you are consented to by some of the local authorities interested. The Victoria district is consented to by St. George's, the South Kensington district (as far as it relates to St. Mary Abbots, which is the larger part of it), and St. James's and St. Martin's, as far as it relates to St. James's and St. Martin's Vestry. (The list was accordingly handed in.)

Mr. Saunders.] May I supplement that statement of my learned friend, Mr. Mezey Thompson, by stating that the City of London and St. Mary Newington are now applying for licenses.

Mr. Mezey Thompson.] I have no knowledge of that; the City of London are not applying, and I believe are not intending to apply.

Chairman.] The Board of Trade have granted nothing in the City.

Mr. Mezey Thompson.] Nothing at all.

Mr. Meirhead.] And I may say that the Vestry of St. Mary Abbots have not consented.

Mr. Mezey Thompson.] I may say, although it is not officially announced yet, that a Report has been made to the Board of Trade by the inspecting officer who held the inquiry with regard to St. Mary Newington, which is unfavourable to the granting of the license, and that the license is not to be proceeded with.

[The Witness withdrew.]

Sir CHARLES BRIGHT, sworn.

Examined by Mr. Bidder.

1265. You are a member of the Institute of Civil Engineers, and a Vice-President of the Society of Telegraph Engineers, and, as we all know, have had a very long experience in electric engineering, and have given much attention, I think, to the subject of electric lighting?—I have.

1266. I believe you are well acquainted with the works of the Telegraph Construction and Maintenance Company?—I am.

1267. Have you been down there recently to inspect what they have been doing in the way of electric lighting?—I have made a minute examination of their machines and appliances.

1268. And have acquainted yourself well with Mr. Gordon's system?—I have.

1269. Chairman.] Is that at Greenwich?—At East Greenwich.

Mr. Bidder.] What is your opinion of their system?

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27th July 1883.]

Sir C. BRIGHT.

[Continued.]

Mr. Pope.] I must ask you, Sir, to say whether, after what passed upon the first day of the inquiry, this is quite fair to us. I do not say it is not relevant, but if it be relevant, then I should, as I submit, have the right, after my learned friend has exhausted his witnesses upon this point, to recall mine, or to call those whom I did not call at the commencement, because of the assumption that appeared to be agreed to, namely, that here was a company which was assumed to be able to supply, and beyond that, we did not go. You interfered at that point, and upon that consented to leave it; but if we are to have a mass of evidence to show that this company is able to do it better than the Edison Company; at all events, equally well.

Mr. Bidder.] My learned friend called and examined Dr. Hopkinson to show that the alternating current system was a bad system.

Mr. Pope.] You very properly stopped me, Sir, and we agreed that we would not go into the merits of the alternating system. This is what examining Dr. Hopkinson. He proceeds to put questions with regard to the Telegraph Construction and Maintenance Company; and his second question on that subject is, "Have you seen their machinery at work?" (meaning, of course, to go on to show that the Telegraph Construction and Maintenance Company was at least equal to the Edison Company work; its power of doing his work, upon which you say this: "The Committee are not desirous of going into the question of whether the Telegraph Construction and Maintenance Company is, or is not, capable of doing this inquiry, and not one before them at all. The question whether the Tele-considerations altogether." Then my learned friend interposes: "Of course, I represent, Sir, both the Telegraph Construction and Maintenance Company, and these inhabitants of the district who are objecting to this Order being granted; I do not pretend to deny for a moment that these made an offer, and because the Telegraph Construction Company drew their attention to what has happened; but, in point of fact, I come here St. James's district, have to ask." Then you say, Sir, "You may have a cered, the Committee would be perfectly willing to admit for the purposes of this inquiry, that they might be just as competent to do these works as witnesses to criticise the Gordon dynamo, or anything about my

Chairman.] The Committee feel that there is something to be said as regards the inhabitants. All that occurs to us is whether you any-thing to bring before us which would affect the *prima facie* position of the Telegraph Construction and Maintenance Company, which is, of course, out of court altogether.

Mr. Pope.] I will go further, and say this, that I believe, with the respect-able system which Mr. Gordon estimated as likely to result, there is no that consumption any good system could do it at that price.

Mr. Bidder.] I only propose to examine Sir Charles Bright generally. Chairman (to Mr. Bidder).] I think you must confine your examination of Sir Charles Bright to the most general questions, whether, in his judgment, whether he thinks they can supply electricity as cheaply as other people, or more cheaply.

1270. Mr. Bidder (to the Witness).] You have heard the point put by the Chairman

27th July 1883.]

Sir C. BRIGHT.

[Continued.]

Chairman himself; you know generally the Telegraph Construction and Maintenance Works?—Yes, I know their works pretty well; they are very large and extensive works, with machinery and electrical appliances of all kinds, and they are quite competent to carry out electric lighting works.

1271. And their system, in your judgment, is generally a good one: that is to say, their electric lighting system?—I think so; it was very successfully in operation when I examined it minutely.

1272. Chairman.] You attended at the works for the purpose of examination?—I was invited to go there for the purpose of seeing it.

1273. I believe you are yourself a ratepayer of St. James's parish, which has been under discussion?—I am.

1274. It can hardly be said that you speak under any misrepresentation or want of knowledge upon the subject. Speaking as a ratepayer, do you think it desirable, in the interests of your fellow ratepayers, that this district should be handed over to the Edison Company under the terms of the Edison Provisional Order?—I go simply upon the terms of the Provisional Order price, which I consider too high for any company to propose to charge us.

1275. Let me ask you this, because it is said on behalf of the Board of Trade "We do not consider in giving a company a Provisional Order that they get a monopoly; if we find afterwards that they are not supplying the electricity as cheaply as they might do, we should be prepared to grant a second Order to a second company." Now, assuming that to be so, would it be as inviting a thing for a second company to come in afterwards to compete with an established company having their customers and their good-will, and being in possession of the district, as to come to an unoccupied district?—I should say it would be obvious to anybody that it would not be so.

Mr. Pope stated that he had no questions to put to the Witness in cross-examination.

Mr. Bidder.] Sir, I have some other scientific witnesses, but I think having regard to the aspect of the case I will not trouble you with them, but I will call Mr. Burgess.

Mr. ROBERT WHATTON BURGESS, sworn.

Examined by Mr. Bidder.

1276. You reside in St. James's, Westminster?—I do.

1277. And you attend here under a Speaker's Order?—Yes.

1278. You are, I believe, chairman of the electric lighting committee of the vestry of St. James's?—Yes.

1279. Before whom an application—

Mr. Pope.] I must ask you, Sir, whether this is at all proper; here is the consent of the vestry of St. James's under their seal. Is my learned friend going to discredit that by calling before you one of their number. If so, may I ask you to say whether that is a proper thing to do?

Mr. Bidder.] Had not my learned friend better wait until I ask the question.

Mr. Pope.] Not only do they affix their seal to it, but they say they will, if required by the company, support the application.

Chairman.] We have had put in the answer of the vestry, in which they said they were precluded from supporting another company, because they were engaged to the Edison Company.

Mr. Pope.] And they have undertaken to support the Edison Provisional Order if it is desired.

Mr. Bidder.] We have no evidence of that. Now, because the vestry has done something or other, is it the fact that a member of that vestry is

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not

27th July 1883.]

Mr. BURGESS.

[Continued.]

not competent to answer any questions with regard to it? I have only asked this gentleman at present whether he is a member of the Vestry.

Mr. Pope.] Of course you have called him with an object.

Chairman.] If the vestry has anything to say in reference to that letter they ought to appear by themselves, I should suppose.

Mr. Pope.] That is exactly what I mean. If the Witness comes as an independent gentleman of course he is entitled to say what he has to say; but my learned friend introduces him as the chairman of the electric lighting committee of the vestry; if he comes as an independent gentleman I have nothing to say to Mr. Burgess expressing any individual opinion that my learned friend desires.

Mr. Bidder.] I have not had a chance of asking the question; all we know at present is that he is a member of the vestry.

Sir John St. Austyn.] Are you going to examine him as an individual ratepayer?

1280. Mr. Bidder.] No, Sir; I venture to say the usual course is to let me ask the witness the question, and if it is an objectionable question then for my learned friend to object to it. (To the Witness.) When your vestry assented to the application of the Edison Company had you any knowledge that there were other companies prepared to light the district upon more reasonable terms?—

1281. What became of the application of the Provisional Order.

1282. Were the terms similar to those of the Edison application?—I cannot carry them in my mind, but their proposal was not favourable, or not so favourable, as that of the Edison Company, consequently the Committee did not recommend it to the vestry.

1283. Did you make representation to the Board of Trade with regard to the revision of the Edison plan in the Edison Provisional Order?—Yes.

1284. Asking for a reduction of it?—Yes.

1285. What was the answer of the Board of Trade?—That it should be left to work itself out; that so soon as the Edison Company saw their way to do so

they would no doubt reduce the price.

1286. So that it is not quite accurate to say that the Board of Trade left the question of price to be settled by the vestry, or that they were guided by the vestry in the question of price?—No.

1287. At the time when the Provisional Order was approved by the vestry did they know what the price was, as compared with gas?—I do not think they did; the feeling of the vestry was to leave that; that we should be perfectly safe in the hands of the Board of Trade with regard to the price.

1288. The vestry made representations to the Board of Trade for a modification of the price, but the Board of Trade declined to entertain them. Now, knowing what you do now in your judgment, is it desirable that matters should remain open in order that you may get the most favourable terms for the lighting of the district?—I should say, taking into consideration the position that the water companies now hold under their charters, yes.

Cross-examined by Mr. Pope.

1289. I suppose your object will be effected if you get the price which you desire?—I do not quite follow you.

1290. I suppose your object would be accomplished if the price that you desire were charged to the consumer?—We have not expressed a desire for any particular price.

1291. According to your answer to my learned friend you made some representation to the Board of Trade, and they told you that you would be perfectly safe in their hands, and there you left it?—Yes.

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27th July 1883.]

Mr. BURGESS.

[Continued.]

1292. Will you kindly look at that (handing a Paper to the Witness); is that the seal of the Vestry?—Yes.

1293. Will you read the first article, please; and what is the date of it?—

1294. Mr. Bidder.] What is that?—It is an agreement.

1295. Do you know anything about it?—Yes, I witnessed the sealing of it. "An agreement made on the 15th day of June 1883, between the Edison Electric Light Company, Limited (hereinafter called the Company), of the one part, and the Vestry of the Parish of St. James, Westminster, in the county of Middlesex (hereinafter called the Vestry), of the other part; whereby it is agreed as follows: In consideration of the undertaking on the part of the Company hereinafter contained, the Vestry undertake that they will not oppose or assist any opposition to, but will, if required by the Company, at its own expense, support in Parliament the confirmation by Act of Parliament of the St. James and St. Martin's (London) Order, 1883."

1296. Mr. Pope.] You see that your body are bound by that agreement, not only to not oppose, but to support the confirmation of this Order?—I see that that is so.

1297. I presume that seal was affixed with the assent of the Vestry, upon the report of your committee?—Yes.

Re-examined by Mr. Bidder.

1298. That accounts for the reason that the Vestry are not here as a body, whatever they may think—

Chairman.] Of course they cannot be here.

[The Witness withdrew.]

Mr. MARWOOD TUCKER, sworn;

Examined by Mr. Bidder.

1299. You are a resident in the parish of St. James's, at Cleveland-row?—I am.

1300. And are you well acquainted with it, and do you take an interest in its affairs?—I do.

1301. I will not go over the story again with you, but you have been made acquainted with the opposition to this Provisional Order, and with the proposals of the Telegraph Construction and Maintenance Company?—Yes.

1302. Knowing the circumstances, and knowing the district, speaking as a ratepayer of the St. James's parish, will you be good enough to tell the Committee your opinion whether it is desirable that this Order should be confirmed, or whether it should be kept open, in order that you may get more satisfactory terms?—It seems extremely unsatisfactory that an Order should be granted to one company to light the district at a certain price, when another company is ready to light it at two-thirds of the price.

1303. Are you able to say whether that is the general feeling of the parish?—I should say that the opinion of the parish is very strongly against an Order being sanctioned to one company, when another company are ready to light at a lower price.

1304. You have no interest, I presume, in the Telegraph Construction and Maintenance Company?—None whatever.

Cross-examined by Mr. Pope.

1305. I gather from your notion of a maximum price, that it means the price you will be charged?—My notion of a minimum is the least that I shall have to pay.

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1883-07-27

27th July 1883.]

MR. TUCKER.

[Continued.]

1306. The maximum is the price which may be charged?—The fact that it may be charged, shows that they will charge it if they can.

1307. Must we take it as your notion that because there is a maximum in the Bill, the Company will charge it if they can?—No; but I am sure they have power to charge it.

1308. Did you hear Mr. Gordon give the ground of his estimate for the price he thought of charging?—I did not hear his evidence at all.

1309. Will you take it from me that the price which ought to be charged must largely depend upon the amount which is consumed and taken?—Quite so.

[The Witness withdrew.]

Mr. Bidder.] That is all the evidence, Sir, that I propose to trouble you with.

Mr. Saunders.] Would you allow me, Sir, to put in a letter which we have received upon the point which arose in the discussion yesterday with regard to the license to the St. Martin's Vestry, which Mr. Hill said was to be discussed last night. We have now received his letter, which, with your permission, I propose to read, and hand in.

Mr. Pope.] You propose to add something, and I will not object to that if you will allow me to add to my evidence something with regard to what was asserted, namely, that you were going to light Covent Garden Theatre. I have Mr. Gye here, and will ask him whether that is true or not.

Mr. Saunders.] The letter is as follows:—"Vestry of St. Martin's in-the-Fields, 27th July, 1883.—I shall be much obliged if you will lay this letter before your vestry on Thursday evening, as time presses. My Board is strongly opposing the grant of Provisional Orders (on the 21 years' system) for electric lighting within our district, and have, in preference, arranged with the Jablochkoff Company to give them a license for seven years only. This arrangement was intended to include the whole Strand district. But the Board of Trade have granted a Provisional Order to the Edison Company for lighting your parish (and St. James, Westminster), and have included in the area comprised in that Order all the parish of St. Paul's, Covent Garden, and other small parts of the Strand district. Before the Committee now sitting, the responsibility for this dealing with our district has been assigned to your vestry by the Board of Trade and the Edison Company. They allege that your vestry pressed for your whole parish being included in the Edison Company's Provisional Order; and that as your parish surrounds St. Paul's, Covent Garden, the latter parish, and other parts of our district, will be more conveniently included in the Edison Company's Order than in our license. I hope that your vestry will depute one of its members to give evidence before the Committee on the Electric Lighting Orders at its next sitting, and, if necessary, in the House of Lords, to the effect that you do not wish to prejudice the arrangement which we have made as regards our own district, and to aid us in resisting the application of the Edison Company for powers over St. Paul's, Covent Garden, and the other parts of our district to which the application relates. Indeed, as the arrangement we have made with the Jablochkoff Company seems a favourable one for the public being determinable or open to revision at our option at the end of every seven years; while the price arranged to begin with is lower than that which the Board of Trade have given in your parish to the Edison Company for 21 years, your vestry might perhaps adopt with advantage the proposal which I understand the Jablochkoff Company to make, viz., that if the confirmation of our arrangement disinclines the Edison Company to light the outlying part of your parish (round St. Paul's, Covent Garden) it should be undertaken by the Jablochkoff Company on the same terms as our district. This seems to me the most reasonable solution of any difficulty

27th July 1883.]

MR. TUCKER.

[Continued.]

culty arising from the position of the boundary between your parish and our district, if there be any difficulty really, which I doubt; for I assume, of course, that your vestry would impose no difficulty in the way of wires being laid underground, on proper conditions, along some street between St. Paul's, Covent Garden, and the rest of our district, as I think the distance is only 30 feet. The form of our license is to be settled between the Jablochkoff Company and a committee consisting of seven members of our board, and in the event of any question arising it is to be referred to the Board of Trade to settle."

[Adjourned to Monday next, at Half-past Twelve o'clock.]

Select Committee on
Electric Lighting Provisional Orders Bills.
 1883.

MINUTES OF EVIDENCE.

Friday, 27th July 1883.

<i>Sir Daniel Gooch, M.P.</i> - - -	p. 104
<i>Mr. George Leslie</i> - - -	p. 106
<i>Admiral Sir George Henry Richards, K.C.B.,</i> P.R.S. - - -	p. 107
<i>Mr. James Edward Henry Gordon</i> - - -	p. 109
<i>Mr. Charles Ernest Spagnoletti</i> - - -	p. 117
<i>Sir Charles Bright</i> - - -	p. 119
<i>Mr. Robert Wratten Burgess</i> - - -	p. 121
<i>Mr. Marwood Tucker</i> - - -	p. 123

[Great inconvenience having arisen from the Publication of Minutes of Evidence taken before Committees, and of Papers, &c. laid before them, it is particularly requested that Members receiving such Minutes and Papers will be careful that they are confined to the object for which they are printed—the special use of the Members of such Committees.]

1883-02-01

Telephone No. 346.

The Edison Electric Light Company, Limited.

74, Coleman Street,

London, E.C., 157 AUGUST, 1883.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-02-01

DEAR SIR,

ALLOW ME TO INTRODUCE TO YOU MR. STANHOPE, WHO WAS THE
 CHAIRMAN OF THE ELECTRIC LIGHTING COMMITTEE OF THE HOUSE OF COMMONS
 LAST YEAR WITH THE PROCEEDINGS OF WHICH I BELIEVE YOU ARE ACQUAINTED.
 MR. STANHOPE IS DESIROUS OF OBTAINING AN INSIGHT INTO AND PRACTICAL AC-
 QUANTANCE WITH THE DETAILS OF YOUR SYSTEM IN NEW YORK AND ELSEWHERE.
 MAY I BESPEAK ON HIS BEHALF YOUR GOOD OFFICES IN FORWARDING MR. STANHOPE'S
 VIEWS IN THAT RESPECT?

I AM, DEAR SIR,

YOURS FAITHFULLY,

John Edison
 CHAIRMAN.

T. A. EDISON ESQ.,
 65, FIFTH AVENUE,
 NEW YORK.

1888 28109

*Recd
Aug 28/88*

The Edison Electric Light Company, Limited,

71, Coleman Street,

London, E.C., 9TH AUGUST 1888

DEAR JOHNSON,

I HAVE YOUR LETTER OF JULY THE 28TH. THE SOCKETS ON BOARD THE " OREGON " ARE MADE FROM THE LATEST PATTERN AND AS THE CONTRACT SPECIFIES THAT THEY HAVE TO BE ELCTRO-TYPED BY ELKINGTON, WHICH TAKES SOME CONSIDERABLE TIME, THEY HAVE BEEN MADE HERE. IF ON INSPECTING THE SHIP IN NEW YORK YOU FIND THEY DON'T COME UP TO YOUR STANDARD BE GOOD ENOUGH TO SAY SO, AND ANY SUGGESTIONS YOU HAVE TO MAKE WILL MEET WITH OUR BEST ATTENTION.

WE ARE USING SLATE DOUBLE POLE SWITCHES FOR THE " OREGON ". THE AMERICAN REPORTS ON THE NEW SWITCH YOU BROUGHT OVER SEEM TO INDICATE SOME DEFLECTS WHICH YOU HAVE PROBABLY GOT OVER BY THIS TIME. IF SO, PLEASE SEND US A FEW SAMPLES. DR. HOPKINSON HAS APPROVED THE SWITCH FOR THE " OREGON ". THE OREGON PEOPLE OBJECT TO THE SIZE OF THE DOUBLE POLE SWITCHES COMMANDING THE SMALL GROUPS OF LAMPS. WITH REGARD TO THE LAMPS, WE HAVE 480 Δ LAMPS ON BOARD AND THE AMPERE CAPACITY OF THE DYNAMOS IS 420 EACH.

THE AUTOMATIC REGULATOR PLACED IN THE HOUSE OF COMMONS SPLIT AND CRACKED FROM THE GREAT HEAT. THE DYNAMO ROOM ON BOARD THE

1888-08-07

The Edison Electric Light Company, Limited,

71, Coleman Street,

London, E.C.,

188

"OREGON" WILL BE HOTTER, IF YOU DECIDE THEREFORE TO PUT IN AN AUTOMATIC
REGULATOR IT SHOULD BE MADE OF PROPERLY SEASONED WOOD OR OTHER MATERIAL
THAT WILL NOT WARP.

YOU ARE QUITE RIGHT ABOUT THE LAMP BREAKAGE QUESTION BE-
-ING LOOKED UPON BY THE STEAMSHIP PEOPLE AS THE MOST SERIOUS ONE.

CRITERION THEATRE.

AS TO THE CRITERION SPIERS & KEMP STAND OUT STUBBLY AS
TO THEIR VIEW OF THE TIME, BUT AS I ANTICIPATED IT IS NOT A MATTER OF
VERY GREAT MOMENT NOW AS THEY ARE LONG AFTER US. THE BUILDING WILL NOT
BE READY FOR US TO BEGIN WORK ON FOR ANOTHER TEN DAYS OR A FORTNIGHT
AND BY THAT TIME THE ENGINES WILL PROBABLY HAVE ARRIVED, THOUGH AT THE
PRESENT MOMENT WE ARE WITHOUT A CABLE OF THEIR HAVING LEFT.

AS TO THE REGULATOR I SEND YOU A LIST OF THE EIGHT CIR-
-CUITS MADE OUT BY MR. KEMP AND MACDONALD. THE NUMBER OF LAMPS ON THESE
CIRCUITS HAVE BEEN ALTERED TWO OR THREE TIMES AND THEREFORE WHEN YOU
CABLED AS TO MAKING THE REGULATOR OVER THERE WE WERE XB OBLIGED TO CABLE
"NO THANKS" AS THE CONTINUAL ALTERATION PREVENTED OUR BEING ABLE TO
STATE EXACTLY WHAT THE REGULATOR WOULD FINALLY BE .

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1510-5-07
The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C.,188

I SEND YOU AN EXTRACT FROM A MORNING PAPER ABOUT THE
"MALABAR" AND AM GLAD TO TELL YOU THAT WE HAVE BEEN PROMISED THE 110
INDIAN TROOPERS AT A VERY REMUNERATIVE FIGURE.

I HAVE HAD A LONG TALK WITH MR. BAYLEY ABOUT A MODUS VI-
VENDI ON THIS SHIP BUSINESS. HE TAKES QUITE A FAIR AND REASONABLE VIEW
OF THE MATTER AND IS TO PREPARE A MEMORANDUM. THERE IS NO OBJECTION
TO THE CONTINENTAL EDISON COMPANIES GETTING THE PRESTIGE OF THE SHIPS
BELONGING TO THEIR NATIONALITY PROVIDED WE GET THE PROFIT IF WE DO THE
WORK AND OBTAIN THE BUSINESS. IF ON THE OTHER HAND THEY OBTAIN BUSI-
-NESS AND PUT IT INTO OUR HANDS WE SHOULD HAVE NO OBJECTION TO DIVIDING
THE PROFIT WITH THEM - AT LEAST THAT IS MY VIEW.

AFTER A GREAT FIGHT WE ARE THROUGH THE HOUSE OF COMMONS
AND COME ON BEFORE THE HOUSE OF LORDS TONIGHT. WE HAVE PARTED WITH
A STRIP OF THE ST. JAMES' PARISH TO THE TELEGRAPH CONSTRUCTION COMPANY,
THIS STRIP BEING ON THE CIRCUMFERENCE OF OUR OWN DISTRICT, IN CONSI-
-DERATION OF WHICH THEY HAVE WITHDRAWN THEIR OPPOSITION IN THE HOUSE
OF LORDS, WHICH WOULD PROBABLY HAVE BEEN FATAL TO OUR GETTING THE ORDER.
AND PAY US £3000. I SEND YOU BY THIS MAIL A COPY OF GORDON'S EVIDENCE

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1853 08 07

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C.,188

UPON WHICH YE SHOULD BE MUCH INTERESTED IN HAVING ANY REMARKS YOU MAY
HAVE TIME TO MAKE. I HEAR PRIVATELY THAT A NEW MACHINE HE HAS MADE
BROKE DOWN HOPELESSLY THE DAY BEFORE YESTERDAY WHEN LOADED UP TO ITS
FULL CAPACITY. THIS WAS ONLY A 600 LIGHT MACHINE, BUT I REMEMBER MR.
EDISON PREDICTING THAT THAT WOULD BE THE CASE.

THE NEGOTIATIONS WITH SRAN ARL AT PRESENT IN ABYSSANCE,
MR. EDISON'S EXCELLENT LETTER BEING CONSIDERED BY BOTH BOARDS IN DETAIL.
SOME SORT OF A DECISION WILL BE ARRIVED AT ON TUESDAY AND WEDNESDAY WHEN
MEETINGS OF THE RESPECTIVE COMPANIES TAKE PLACE.

YOURS VERY TRULY,

Wm. L. ...

L. H. JOHNSON ESQ.,
65, FIFTH AVENUE,
NEW YORK.

Telephone No. 340.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY

The Edison Electric Light Company, Limited.

74, Coleman Street,

London, E.C., 14TH AUGUST, 188... 3

T. A. EDISON ESQ.,

65, FIFTH AVENUE,
NEW YORK.

DEAR SIR,

H. M. S. MALABAR.

WE BEG TO SEND YOU HEREWITH A COPY OF THE OFFICIAL LIST
OF LAMPS ON BOARD H. M. S. MALABAR, WHICH MAY BE OF INTEREST TO YOU, THIS
BEING THE FIRST SHIP OF THE ENGLISH NAVY FITTED WITH THE EDISON SYSTEM.
WE MAY ADD THAT THE OFFICIAL TRIALS WERE IN EVERY RESPECT A SUCCESS,
AND THE ADMIRALTY OFFICIALS WERE UNANIMOUS IN EXPRESSING THEIR APPROVAL
OF THE MANNER IN WHICH THE DETAILS OF THE WORK HAD BEEN CARRIED OUT.
WE HAVE GOOD REASON TO BELIEVE THAT THE LIGHTING OF SEVERAL MORE TROOP-
-SHIPS WILL COME OUR WAY AS SOON AS THE ADMIRALTY CAN MAKE THE NECESSARY
ARRANGEMENTS FOR THEM BEING FITTED UP.

I AM, DEAR SIR,

YOURS FAITHFULLY,

Edison
ACTING SECRETARY

ENCLOSURE.

(883-08-10)

(No. 26)

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

PROGRAMME

FOR THE TRIAL OF ELECTRIC MACHINES, DYNAMOS AND
LIGHTS, FITTED ON BOARD H.M.S. MALABAR,

10TH AUGUST, 1883.

THE WHOLE OF THE LAMPS WITH THE EXCEPTION OF
THOSE AT THE YARD ARM TO BE KEPT GOING FOR
6 HOURS IN ACCORDANCE WITH THE CONTRACT WITH
THE EDISON ELECTRIC LIGHT CO.,

FROM 6.30 P.M. TO 7 P.M. - THE CIRCUITS E.F.L.M.N.O. TO BE KEPT GOING
BY ONE MACHINE, TO SEE TO WHAT EXTENT THE SHIP
CAN BE LIGHTED WITH EITHER OF THE BROTHERHOOD
ENGINES BROKEN DOWN.

FROM 7 P.M. TO 7.30 P.M. - THE WHOLE OF THE POLICE AND ENGINE ROOM, AND
PART OF SALOON UPPER CIRCUITS TO BE KEPT GOING
WITH ONE MACHINE.

FROM 9 P.M. TO 9.45 P.M. - THE YARD ARM AND POLICE CIRCUITS TO BE KEPT
GOING WITH BOTH MACHINES.

10 32 CANDLE LAMPS,
19 FULL LIGHTS
56 HALF

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

H. M. S. "MALABAR".

AN ACCOUNT OF THE CIRCUITS OF THE ELECTRIC LIGHT
SYSTEM.

POLICE CIRCUIT.

A FORWARD ON UPPER DECK.	
	HALF.
	LIGHTS.
FORECASTLE	4
WARRANT OFFRS. MESS PLACE SWITCH	1
TROOPS LATRINES	1
SEAMEN'S "	1
HORSE STALLS	1
MILITARY OFFRS. W. C.	3
GANGWAY	1
LAMP ROOM	1
NAVAL OFFRS. W. C.	1
HORSE STALLS	1
ENGINEERS E. C.	2
SEAMEN'S LATRINES	1
LATRINES FOR INFECTIOUS CASES	1
SEAMEN'S DISPENSARY	2
CHART HOUSE ON UPPER BRIDGE	2
HOUSE FOR STEERING ENGINE	2
CAPTAIN'S CABIN ON LOWER BRIDGE	1
	<hr/>
	25

(No. 26)

1883-08-10

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

POLICE CIRCUITS

A AFT ON UPPER DECK.

	FULL LIGHTS	HALF LIGHTS.
GANGWAY		1
LADDERWAY TO MAIN DECK		1
SALOON STAIRCASE TO, SPAR DECK		1
CHRONOMETER ROOM		1
NURSERY		2
LADIES' CABIN		2
AFTER WHEEL HOUSE		2
CAPTAIN'S DAY CABIN SWITCH	1	
STARBOARD		4
	1	11

C FORE PART OF MAIN T. DK.

WOMEN'S WASH PLACE		2
INSIDE	4	
WOMEN'S QUARTERS		2
OUTSIDE		
MILITARY DISPENSARY		1
WOMEN'S HOSPITAL		1
HOSPITAL FOR INFECTIOUS		1
CASE		
OUTSIDE	1	
TROOP HOSPITAL		1
OUTSIDE		
	0	7

D AFTER END OF MAIN T. DECK.

TROOP DECK, AFTER BLKD.		2
SALOON - AFTER PART		2
CHIEF ENGINEER'S CABIN SWITCH	1	
ENGINEERS SLEEPING CABIN		1
	1	6

1883-08-10

(No. 26)

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

POLICE CIRCUITS

E LOWER TROOP DECK.

	FULL LIGHTS.	HALF LIGHTS.
FORE BLKHD. IN GUARD ROOM	2	
LOWER TROOP DECK	4	
FUNNEL CASING ON MAIN T. DEK.	4	
	<hr/>	<hr/>
	6	4
	<hr/>	<hr/>

E LOWER GALOON & STEERAGE.

STEERAGE		3
LOWER GALOON		2
ENGINEERS WASH PLACE		1
		<hr/>
		6
		<hr/>

G FORE PART OF UPPER DECK & WAISTS

SEAMEN'S MESS DECK		21
WARRANT OFFRS. MESS PLACE OUTSIDE		1
WARRANT OFFRS. CABIN		2
TROOPS WASH HOUSE PORT		2
TROOPS WASH HOUSE -STARBOARD		2
SALOON GALLEY		2
		<hr/>
		28
		<hr/>

H GALOON UPPER.

KNIFE ROOM		1
SALOON PANTRY		2
SALOON BAR		1
SALOON - PILASTER		25
SALOON - PENDANTS		22
LOBBY		2
SHIPS OFFICE		1
		<hr/>
		54
		<hr/>

(No. 26)

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

<u>I</u> MAIN TROOP DECK FORD.		
	FULL LIGHTS	HALF LIGHTS.
WOMEN'S WASH PLACE		3
WOMEN'S QUARTERS	2	13
STAFF SERGT FAMILIES QUARTERS.		2
	OUTSIDE	2
	INSIDE	2
WOMEN'S HOSPITAL		2
TROOPS HOSPITAL		6
TROOPS MESS TABLES		54
BAKERY		2
	2	54

K AFTER PART OF MAIN TROOP DK.

SALOON PILASTER	27
2ND CLASS PASSENGERS MESS	1
	28

L LOWER TROOP DECK FORWARD

GUARD ROOM CELLS - OUTSIDE	4
MESS TABLES	30
	34

M STEERAGE & LOWER SALOON.

ISSUE ROOM - OUTSIDE	1
CHIEF STEWARD - INSIDE	1
CHIEF COOK - OUTSIDE	1
WARRANT OFFR. SLEEPING CABINS OUTSIDE	1
2ND CLASS PASSENGERS BERTH OUTSIDE	1
MILITARY OFFICERS CABIN OUTSIDE	8
NAVAL OFFICERS CABIN OUTSIDE	1
CHIEF STEWARD'S STORE ROOM INSIDE	1
CHIEF STEWARD'S CABIN OUTSIDE	1

1883-08-10

(No. 26)

THE EDISON ELECTRIC LIGHT COMPANY, LIMITED.

	HALF LIGHTS
CHIEF STEWARD'S CABIN INSIDE	1
SALOON SERVANTS' WASHING CABIN	1
LOWER SALOON	4
STEERAGE	2
	<hr/>
	24
	<hr/>

	FULL LIGHTS	HALF LIGHTS
ENGINE ROOM	12	
BOILER ROOM	16	
SHAFT ALLEY	7	
CONDENSER ROOM		4
LIGHT ROOM		1
BREAD ROOM		1
WARRANT OFFRS. STORE ROOMS		2
STOKERS WASH PLACE		2
	<hr/>	<hr/>
	35	10
	<hr/>	<hr/>

	<hr/>	
PILOT LIGHT IN DYNAMO ROOM	2	
	<hr/>	
YARD ARM STARBOARD	16	

PORT.

LAMP VHS.

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-08-16

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C.15TH AUGUST, 1883.

MY DEAR SIR,

YOUR LETTER OF THE 24TH ULTIMO TO MR. WATERHOUSE HAS RECEIVED THE CAREFUL CONSIDERATION OF THE BOARD, AND THE MODIFICATIONS WHICH YOU SUGGEST HAVE BEEN SUBMITTED TO THE DIRECTORS OF THE SWAN CO. THE DESIRE TO GIVE THESE POINTS THE FULLEST CONSIDERATION HAS BEEN THE CAUSE OF THE DELAY IN REPLYING TO YOUR LETTER.

THE DIRECTORS CAN WELL UNDERSTAND THE GROUNDS WHICH INDUCE YOU TO ACCEPT THE PROPOSED AMALGAMATION WITH RELUCTANCE AND THEY FULLY APPRECIATE THE FACT THAT IN ASSENTING TO THIS STEP YOU ARE DEFERRING TO THEIR JUDGMENT. FURTHER CAREFUL CONSIDERATION OF THE POSITION AND PROSPECTS OF THE COMPANY HAS CONFIRMED THEM IN THEIR VIEW THAT THE UNION OF THE TWO COMPANIES IS THE BEST AND INDEED THE ONLY WAY OF BRINGING ABOUT A SPEEDY DEVELOPMENT IN THIS COUNTRY ON A LARGE SCALE OF YOUR SYSTEM OF CENTRAL STATION LIGHTING, AND THIS IS NOT ONLY THE UNANIMOUS OPINION OF THE DIRECTORS BUT, SO FAR AS THE DIRECTORS ARE AWARE, OF EVERY SHAREHOLDER IN THE COMPANY.

NO ONE WHO HAS ANY REAL ACQUAINTANCE WITH THE FINANCIAL

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1888 5/1/18
The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C.,188.....

ASPECT OF ELECTRIC LIGHTING IN THIS COUNTRY AT THE PRESENT TIME WILL DENY THAT THE UNNATURAL INFLATION OF ELECTRIC LIGHTING COMPANIES 18 MONTHS AGO HAS HAD A MOST DISASTROUS EFFECT UPON THE FINANCIAL POSITION OF REALLY SOUND UNDERTAKINGS. THE PUBLIC SUBSCRIBED LARGELY TO UNDERTAKINGS WHICH WERE UNSOUND. COMPANIES SPRANG INTO EXISTENCE ANXIOUS TO DO BUSINESS ON ALMOST ANY TERMS AND THE DEMAND FOR ELECTRIC LIGHTING BEING AT THE TIME EXTREMELY LIMITED IT WAS IMPOSSIBLE TO DO BUSINESS AT A PROFIT. THE NECESSARY RESULT WAS A RE-ACTION AND NOW WHEN MANY OF THE UNSOUND UNDERTAKINGS HAVE BROKEN DOWN AND FOR THE FIRST TIME A WHOLESOME DEMAND IS ARISING THE PUBLIC HOLD BACK AND THE FUNDS NECESSARY TO DEVELOPE AN EXTENSIVE BUSINESS CANNOT EASILY BE OBTAINED.

IT IS NECESSARY TO REMEMBER THAT CENTRAL STATION LIGHTING HAS HITHERTO BEEN IMPOSSIBLE IN THIS COUNTRY. IT IS ONLY DURING THE PRESENT WEEK THAT THE FIRST PROVISIONAL ORDERS UNDER THE ELECTRIC LIGHTING ACT OF LAST YEAR HAVE PASSED THROUGH PARLIAMENT. THESE GIVE FOR THE FIRST TIME THE NECESSARY POWERS OF BREAKING UP THE STREETS AND RENDER A PUBLIC SUPPLY OF ELECTRICITY POSSIBLE. OUR COMPANY HAS OBTAINED POWERS TO LIGHT ONE LARGE AND IMPORTANT DISTRICT IN THE METRO-

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ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-02-16
The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C.,188.....

-POLIS. THE SWAN COMPANY HAS OBTAINED POWER TO LIGHT SEVERAL SMALLER DISTRICTS, ONE OF WHICH IS ADJACENT TO OUR DISTRICT. BUT TO PROPERLY DEVELOPE YOUR SYSTEM OF LIGHTING IN THESE DISTRICTS WILL INVOLVE AN EXPENDITURE WITHIN THE NEXT 2 YEARS OF AT LEAST £250,000 AND PROBABLY MUCH MORE, AND THE QUESTION WHICH IS PRESSING THE DIRECTORS IS HOW THE NECESSARY FUNDS ARE TO BE OBTAINED. THIS IS A VITAL QUESTION AND THE DIRECTORS ARE SURE THAT YOU WILL NOT ONLY RECOGNISE THIS, BUT ALSO THAT THEY AND THE OTHER SHAREHOLDERS WHO HAVE SUBSCRIBED THE EXISTING CAPITAL ARE BEST ABLE TO JUDGE HOW THIS CAPITAL IS TO BE OBTAINED.

THIS BRINGS ME TO THE CONSIDERATION OF THE FIRST MODIFICATION WHICH YOU HAVE SUGGESTED, VIZ: THAT THE Δ SHARES SHOULD HAVE A PREFERENCE DIVIDEND OF 6% ONLY INSTEAD OF $7\frac{1}{2}$ %.

MR. JOHNSON WILL RECOLLECT THAT IN THE CONVERSATIONS WHICH WE HAD WITH HIM BEFORE HE LEFT ENGLAND A HIGHER RATE OF INTEREST THAN $7\frac{1}{2}$ % WAS SUGGESTED AND DISCUSSED AND THAT THE $7\frac{1}{2}$ PER CENT WAS FIXED UPON BY THE DIRECTORS AS A FAIR MEAN BETWEEN THE HIGHER AND THE LOWER RATES. IT IS QUITE TRUE THAT WELL ESTABLISHED UNDERTAKINGS CARRYING ON A BUSINESS THE INCIDENTS OF WHICH ARE WELL KNOWN MAY OBTAIN MONEY BY OFFERING A 6 PER CENT AND EVEN A 5 PER CENT PREFERENCE DIVIDEND.

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-08-16
The Edison Electric Light Company, Limited,
74, Coleman Street,

London, E.C.,188.....

BUT THIS IS NOT SO WITH COMMERCIAL UNDERTAKINGS OF A NOVEL AND SPECU-
-LATIVE CHARACTER, AND UNLESS A RATE OF INTEREST IS GIVEN WHICH WILL
ATTRACT CAPITAL TO THE UNDERTAKING BOTH A AND B SHAREHOLDERS WILL
SUFFER. THE DIRECTORS WISH ME TO POINT OUT WHAT YOU DO NOT REFER TO
IN YOUR LETTER VIZ: THAT IN RAISING THE PREFERENCE DIVIDEND ON THE A
SHARES FROM 5 % TO 7½ %, THEY PROPOSE TO TREAT THE £20,000 ALREADY
PAID AS A PAYMENT OUT AND OUT WHICH WOULD HAVE THE EFFECT OF ADMITTING
THE B SHARES TO DIVIDEND AT ONCE. THAT THIS IS A MOST SUBSTANTIAL
CONCESSION WILL BE SEEN AT ONCE BY TAKING FIGURES. IF OUR COMPANY
SHOULD EARN A DIVIDEND OF 10 % ON THE CAPITAL INVESTED (£100,000) IT
WOULD BE 8 YEARS BEFORE THE EXISTING B SHARES WOULD PARTICIPATE AND
AFTER THIS THEY WOULD RECEIVE £2500 A YEAR BY WAY OF DIVIDEND. IF THE
UNITED COMPANY EARNED A SIMILAR DIVIDEND ON (SAY) £300,000 - THE B
SHARES (TAKING ¼TH OF PROFITS AFTER 7½ %) WOULD FROM THE FIRST RE-
-CEIVE £1875 A YEAR AND IT WOULD BE MORE THAN 30 YEARS BEFORE THE AMOUNT
RECEIVED IN DIVIDEND ON THE B SHARES UNDER THE PRESENT SCHEME WOULD
AMOUNT TO AS MUCH AS WOULD BE RECEIVED BY THE B SHARES UNDER THE PRO-
-POSED SCHEME. THE DIRECTORS THEREFORE CONCLUDED AND I SUBMIT WITH

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ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-08-16

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C.,188.....

GOOD REASON, THAT THE CONSIDERATION OFFERED FOR THE CHANGE IN THE RATE OF INTEREST ON THE B SHARES WAS AN AMPLE PECUNIARY EQUIVALENT, AND A CAREFUL PERUSAL OF YOUR LETTER LEADS THEM TO THE CONCLUSION THAT THIS HAS BEEN OVERLOOKED OR AT ANY RATE THAT ITS FULL EFFECT HAS NOT BEEN RECOGNISED.

WE ARE HOWEVER ANXIOUS TO TREAT THE QUESTION NOT ONLY FAIRLY BUT LIBERALLY AND I AM THEREFORE AUTHORISED TO AGREE TO A REDUCTION OF THE $7\frac{1}{2}$ % TO 7 PER CENT. TO REDUCE THE PREFERENCE DIVIDENDS BELOW THIS WOULD DEFEAT THE OBJECT WHICH ^{WE} ~~THEY~~ HAVE IN VIEW, VIZ: TO ATTRACT CAPITAL TO THE COMBINED UNDERTAKING.

ON THE QUESTION OF THE NAME - BOTH THE COMPANIES ARE PREPARED TO RECOGNISE THE FORCE OF YOUR OBJECTION TO A NEUTRAL NAME - AND THE SWAN DIRECTORS FURTHER RECOGNISE THAT YOU ARE ENTITLED ON EVERY GROUND TO CLAIM PRIORITY. BUT THE ARGUMENTS WHICH YOU PUT FORWARD WITH SO MUCH FORCE ARE (YOU WILL FORGIVE ME FOR SAYING) DOUBLE EDGED AND IN MR. SWAN'S MOUTH ARE AN UNANSWERABLE ARGUMENT AGAINST THE OMISSION OF HIS NAME FROM THE COMBINED UNDERTAKING. I CANNOT BUT THINK THAT TO PLACE YOUR NAME IN THE FIRST PLACE AND TO TREAT MR. SWAN AS A SUBSE-

1882-08-16

Telephone No. 346.
ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 188

-QUENT INVENTOR WILL CONVEY TO THE MIND OF THE BRITISH PUBLIC IN THE
CLEAREST POSSIBLE MANNER THAT YOUR INVENTIONS ARE RECOGNISED AS PRE-
-EMINENT. I SHOULD BE THE LAST TO SUGGEST THE ADOPTION OF ANY ARRANGE-
-MENT WHICH WOULD APPEAR TO UNDERVALUE THE IMPORTANCE OF YOUR INVENTIONS
AS COMPARED WITH THOSE OF OTHERS IN THE SAME FIELD BUT MR. SWAN'S CHAR-
-ACTER AND REPUTATION STAND HIGH AMONG SCIENTIFIC MEN IN THIS COUNTRY,
AND THE DIRECTORS SUBMIT THAT IT WOULD BE THROWING AWAY A VALUABLE ELE-
-MENT OF GOODWILL IF WHEN APPLYING TO THE BRITISH PUBLIC FOR FUNDS TO
SUPPORT THE UNDERTAKING MR. SWAN'S NAME WERE TO BE OMITTED FROM THE TITLE.
THEIR PROPOSITION IS THEREFORE THAT THE NEW COMPANY SHALL BE CALLED
"THE EDISON AND SWAN UNITED ELECTRIC LIGHT COMPANY LIMITED."

YOU WILL I AM SURE BELIEVE ME WHEN I SAY THAT I
HAVE DESIRED THROUGHOUT THESE NEGOTIATIONS (WHICH CIRCUMSTANCES HAVE
THROWN VERY LARGELY INTO MY HANDS) NOT ONLY TO OBTAIN FULL RECOGNI-
-TION OF YOUR CLAIMS TO PRIORITY OF DISCOVERY BUT TO PROTECT YOUR PE-
-CUNIARY INTERESTS - AND IF I THOUGHT THAT THE PROPOSALS MADE DID NOT
AMPLY PROVIDE FOR BOTH, WOULD NOT SUBMIT THEM FOR YOUR ACCEPTANCE.
THE IMPORTANCE OF THE FINANCIAL ASPECT OF THE QUESTION IS SO GREAT AND
SUCH GRAVE DIFFICULTIES WOULD ARISE IN THE FUTURE IF THE NEGOTIATIONS

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ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1973-08-16.

The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C.,188.....

WITH THE SWAN COMPANY BREAKDOWN THAT IN YOUR OWN INTEREST I WOULD URGE
YOU NOT TO TAKE UPON YOURSELF THE RESPONSIBILITY OF DECLINING THE PRO-
-POSALS WHICH ARE NOW SUBMITTED.

HAVING REGARD TO THE IMPORTANCE OF TIME AND TO THE VERY
GREAT INCONVENIENCE WHICH WILL ARISE FROM THE PROLONGATION OF THE PRE-
-SENT UNCERTAINTY THE TWO BOARDS HAVE RESOLVED TO CALL AN EXTRAORDINARY
MEETING OF THEIR SHAREHOLDERS FOR SOME DAY IN THE LATER PART OF THE 1ST
WEEK OF SEPTEMBER (PROBABLY THE 6TH OR 7TH) AT WHICH THEY WILL SUBMIT
FOR APPROVAL AN AGREEMENT EMBODYING THE TERMS WHICH HAVE BEEN BROUGHT
BEFORE YOU. THIS WILL ALLOW THE NECESSARY TIME FOR THE RECEIPT AND
CONSIDERATION OF THIS LETTER AND FOR A CABLEGRAM, WHICH I TRUST YOU
WILL BE ABLE TO SEND, APPROVING THE TERMS OF THE AGREEMENT.

I HOPE TO SEND YOU AN EXACT COPY OF THE AGREEMENT BY THE
NEXT MAIL BUT ALL THE MATERIAL TERMS HAVE ALREADY BEEN MENTIONED TO YOU.

I AM, MY DEAR SIR,

YOURS FAITHFULLY,

John Lubbock

CHAIRMAN.

T. A. EDISON ESQ.,
65, FIFTH AVENUE,
NEW YORK.

1853-08-24

New York, August 24th, 1883

My Dear Whiso:-

Yours of the 9th. August to hand. All right about the sockets, no doubt they will be O.K., especially as they are to be "electrotyped." If they had only to be electro-plated, we could have supplied them to you from stock.

Doubtless your switches are as good as the new patterns. Both of the defects, which were early found in these, have been removed on the switches and they are now entirely satisfactory.

You say you have 400 A lamps on board, but you do not say whether these lamps are of 16 candle power or whether they are all lit at one time. This is important, because we wish to make a special lamp, but do not wish to exceed the capacity of the dynamo. However, I think the safest plan would be to send you the regular lamps which we are now making. They have extraordinary life, the 10 candle lamp lasting from 1,000 to 1,500 hours in actual practice. There are several hundred of these on board the steamer "Pilgrim", and during the forty days that this installation has been running, only twenty five of these have broken.

I strongly advise putting these 10 candle lamps in the Staterooms on the "Oregon", they will give very good light and show very good economy. It is true they are only 10 candles, but the difference is imperceptible to any but close observers. We are making use of them to a very large extent, and find they give quite as good satisfaction as the 16 candle lamps(I should urgently advise you to change the Holborn Restaurant from a B to an A plant, and put those lamps in). What do you think is the

best thing to be done in the matter of putting these lamps on the "Oregon"? Will you order them from Edison, in order to have them shipped to England and there put in, or shall we put them in here? I think it best that you put them in, in order that the ship can start with the lamps that will give them the greatest satisfaction. Whatever you decide in the matter, please cable.

The Automatic regulators are now working well. We have naturally had great difficulty with them, but these difficulties appear to be permanently overcome. The one that you speak of namely, the cracking of the wood from the great heat, has not occurred here. If you desire one for the "Oregon", we will make it especially well seasoned.

CRITERION. I can only repeat that my recollection in regard to "time" is quite distinct, and as I wrote you as to the regulator, I did not know that you were cabled in the matter. You will remember that my advice to you was to have Batchelor make it.

Am glad to hear what you say about the Indian Troop ships, also having arranged matters with Mr. Bailey. I think the basis of the arrangements a very proper one. You recollect that I told you that I had given Mr. Bailey to understand that in my opinion they had no equitable right to the profits that may come from ships actually lit in England.

I note what you say about the Parliamentary Bill with interest. I understand from other sources that it has gone over for another year. Is that so? I do not infer it from your letter. I have read Gordon's testimony with a good deal of

~~Some more~~ ^{Comment} Some of these evenings, when Mr Edison has leisure, I will read it to him and send you his criticisms.

Edison is making the "fur fly" in the matter of starting small central stations in villages and towns. He believes there is a great future in this business, and that it is the natural stopping stone to starting the larger stations in the cities. At all events he has some of these small stations already at work, and a very large number of them in the process of being built or in process of negotiation.

The central station here continues to work well, and under the more business like management of the new superintendent is now being made to pay. We have had within the last forty eight hours a very narrow escape from fire. The adjoining building which we own, and which is ultimately to become the second half of the station, caught fire and became partially consumed, but although the heat and fire was very dangerous, our engineers and stokers stood by their work manfully and not a flicker was allowed to appear in the light. This will do us good, inasmuch as people will be made to see that we exist actually be burned out before we can be made to stop.

We have started at the State Exhibition at Louisville, Kentucky, the largest electric light plant, taking the actual number of lamps in use at any one time, in existence. It consists of fourteen H (400 lights) dynamos, 5,600 lights in all, of which 4,000 lights are now actually in operation and the remainder will be within the next fortnight. Particulars of this installation will get to you through the ordinary channels and prove most interesting. The gas people have appointed a committee to watch

1883-08-24

4

this experiment, they fully believing that we will not make it a success, and as they, and all other forms of artificial lights, have been excluded from the building, their interest in the matter can be appreciated.

Edison is of the opinion that we have all made a very fatal mistake in negotiating with Swan. He says this problem of electric lighting is one so vast and so complicated, that every Tom, Dick and Harry who assays it does not succeed, and that our negotiation with Swan can do us no other than temporary good, and he does not believe that your expectations in the matter of saving money, by virtue of negotiation, will be realized.

I was only able to get him to accede to the terms conveyed in his letter through the assistance of Messrs. Fabbrini and Lowrey.

When he finally gave his consent, he turned to me and remarked, "There Johnson I now consider my ^{English} ~~business~~ interests practically wiped out." I write this for your information merely that you may understand what the bent of his mind is in this matter.

The Duke of Morwood is here.

Remember me kindly to Sir John, Sir Waterhouse and the other Members of the Board.

Yours very truly,

P.S. I will be glad to learn from you anything of interest as to the status of the work capped out by me before I left, I mean at the Viaduct, the Restaurant, Gattis and the Criterion.

Mr. Cabot
Headquarters
after 10 days
Harrah!
ME

1883-08-25

74, COLEMAN STREET,
LONDON, E. C.
25TH AUGUST, 1883.

MY DEAR SIR,

IT WILL PROBABLY BE INTERESTING TO YOU TO KNOW THAT THE
PROGRESS MADE IN THE SHIP LIGHTING BY THE SLOW SPEED DYNAMO IS BECOM-
-ING OF CONSIDERABLE COMMERCIAL VALUE. THE CONTRACTS PLACED BY THE
COMPANY THIS WEEK FOR ABSOLUTE SALE AFTER TWELVE HOURS SATISFACTORY
TRIAL AMOUNT TO OVER £10,000 THE PROFIT BEING ABOUT 15%. IN ADDI-
-TION TO THIS THE FIRST COMMISSIONER OF WORKS HAS AGREED TO TAKE OVER
OUR PLANT AT THE HOUSE OF COMMONS AND TO DOUBLE IT, DISPENSING WITH
GAS, ALTOGETHER IN THE PREMISES OF THE HOUSE. THE DIVISION LOBBIES,
PRIME-MINISTER'S ROOM, CABINET ROOM, RETIRING PLACES ARE ALL TO BE
LIGHTED BY US, FOR WHICH WE GET ABOUT £3000 AND UTILISE SOME OF OUR OLD
MACHINES.

WITH REGARD TO THE GENERAL QUESTION OF THIS SHIP LIGHT-
-ING I MAY INFORM YOU THAT THE ADMIRALTY IN PLACING THE CONTRACTS FOR
H.M.S. "ISERADAP" AND "CROCODILE" INVITED TENDERS FROM NO OTHER COM-
-PANIES BUT OURSELVES, INDICATING THE MARKED IMPRESSION MADE ON THE
MINDS OF THEIR SCIENTIFIC ADVISERS BY THE SUCCESS OF H.M.S. "MALABAR".

1883-08-25

74, COLEMAN STREET,
LONDON, E. C.

COMPETITIVE

AS THE SYSTEM OF TENDER IS NOW PRACTICALLY PUT AN END TO BY THE GOVERNMENT DEPARTMENTS, I BELIEVE THAT THE WHOLE OF THE ENGLISH IRONCLAD FLEET WILL NOW FALL INTO OUR HANDS. THE ONE ELEMENT OF DIFFICULTY WITH WHICH WE HAVE TO CONTEND IS THE RIGIDITY OF THE BASKET. THE TRIAL OF THE EDISON LAMP IS SHORTLY TO BE HELD ON BOARD "H.M.S. "NEVILL". THE NATURE OF THE TRIAL IS AS FOLLOWS: 1500 ABOVE THE MUZZLE OF A 30 TON GUN IS HUNG A RING OF EDISON LAMPS. THE GUN IS CHARGED WITH A CHILLED SHOT PROJECTILE AND FIRED AT EXACTLY AN ARMOUR PLATED TARGET 400 YARDS DISTANT. BEHIND THE TARGET IS AN EDISON LAMP ALSO SUSPENDED. THE SUCCESS OF THE TRIAL WILL DEPEND UPON THE LAMPS WITHSTANDING THE IMPACT OF THE AIR. I OBTAINED AT PORTSMOUTH THE REQUISITE PERMISSION TO TRY THE EFFECT UNOFFICIALLY WITH THE EXCEPTION OF THAT PORTION OF THE EXPERIMENT RELATING TO THE TARGET. OUR LAMPS WERE EARLY SHATTERED, WHILE THE SWAN LAMPS OWING TO THE NATURE OF THEIR SPRING ATTACHMENT, THOUGH MISERABLY DEFECTIVE IN OTHER RESPECTS WERE FAR MORE SUCCESSFUL THAN OUR OWN. DR. PLEWING HAS DEVISED THREE OR FOUR DIFFERENT FORMS OF ATTACHMENTS TO BREAK THE FORCE OF THE BLOW AND THESE HAVE BEEN PROVISIONALLY SUCCESSFUL. WE SHALL SEND YOU OUT MODELS OF THESE SOCKETS AND IN THE EVENT OF YOUR BEING ABLE TO FURNISH US WITH ANY IMPROVEMENT ON THESE FORMS OF HOLDER WE SHALL BE GREATLY OBLIGED. I THINK IT IS

1883-08-25

74, COLEMAN STREET,
LONDON, E. C.

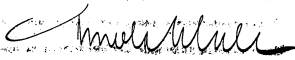
NOT GOING BEYOND THE MARK TO SAY THAT IF THIS DIFFICULTY BE OVERCOME
THE LIGHTING OF THE ENGLISH FLEET IS IN OUR HANDS.

THE PROVISIONAL ORDERS HAVE PASSED THE THIRD READING OF
THE LORDS AND THE ROYAL ASSENT IS TO BE RECEIVED TODAY. AT THE SAME

TIME ELECTRIC LIGHT MATTERS ARE THEIR LOWEST EBB OUTSIDE THE GRAN COM-
PANY AND OURSELVES.

I AM, MY DEAR SIR,

YOURS TRULY,



T. A. EDISON ESQ.
35, FIFTH AVENUE,
NEW YORK.

Dated August 1883

The Edison Electric Light
Company Limited.

and

The Swan United Electric
Light Company Limited.

with

The Edison & Swan United
Electric Light Company Limited

Copy. Agreement for
Amalgamation

Ch.

Ashurst Morris & Co
6 Old Jewry
Waterhouse Winterbottom & Harrison
1 New Court
Lincoln Inn

2d Agreement

made this

day of

August 1893 between The Edison Electric Light
Company Limited (hereinafter called "the Edison Company") of
the 1st part The General Electric Light Company
Limited (hereinafter called "the Gen. Company") of the second
part and George B. Clark of 25 Brompton Road, Brompton
Square in the County of Middlesex, England as agent for and
on behalf of a Company intended to be incorporated under the
name of The Edison and General Electric Light Company
Limited (hereinafter called "the United Company") of the 3rd
part Whereas it is intended that the Edison Company and
the Gen. Company, respectively shall for the consideration
hereinafter expressed, sell its various products and other
property (with the exception, set forth in the second clause
hereof) to the United Company subject to the provisions hereinafter
in this manner before the laws hereinafter expressed And
whereas in pursuance of the Memorandum and Articles of
Association of the United Company, now being approved by the
Provisory Committee of the 1st and 2nd parts

Now it is hereby agreed as follows

1. The Edison Co. shall sell to the United Company 75
the United Company shall purchase from the Edison

proposed as
share in the office
of the 1st part

Company. We the saids general joint stock holders
and property owners of the Essex Company

2. The said Company shall sell to the United Company,

the United Company shall purchase from the Essex Company

All the saids general joint stock privileges and other
property whomever of the Essex Company except only the Rights
Reserved to said and the rights and privileges granted
Haverhill and the saids and products of the S^r Company
without the United Kingdom

3. The United Company shall as before said and the
said Companies respectively take on and discharge all the
debts and liabilities of the selling Companies respectively
of the date of the execution of this agreement (except such
portion of the debts and liabilities of the Essex Company as
are now subject of the property not sold by them as aforesaid
but as that nothing in this clause shall be deemed to extend
the rights of any third parties or to prejudice any debts
known then or any of them the United Company)

4. As to the consideration for such sale the United Company shall
sell to the Essex Company or as it may direct—45,000—
Contingency or a portion of £5 each part of the original capital
of the United Company. 40,000 of such amount shall be given as

shares upon which the sum of £23,750 has been paid up
the remaining 2000 shares shall be paid as fully paid
shares. The United Company shall also from time to time pay
(as part of such consideration) to the Eastern Company as so it
may direct fully paid up Shares in the following proportions -
one fully paid up Share for every £10 paid up or credited
as paid up in the ordinary reports of the Company. The
Shares of the Company so to be allotted to the Eastern
Company or so it may direct shall not be entitled to
receive any dividend until after the ordinary or Shares of the
Company shall have received a proportional dividend
dividend of $\frac{7}{10}$ per centum on the amount paid up or
credited as paid up. Hence that after such dividend has
been paid the surplus profits shall be divided to
proprietors or parties entitled on A and B shares alike in
proportion to the amount paid up or credited as paid
up. Hence. The whole power of the B shares shall be
one vote for every 2 shares made of share being entitled
to one vote. In the case of a winding up the holders of
A shares shall be entitled to receive in full the amount paid
up or credited as paid up upon their shares with or
any excess of dividend in priority to any payment to the

This figure will
be correct
by right.

holders of 13 shares and any surplus of gold they remaining
shall be distributed in the proportion of $\frac{1}{14}$ the whole balance of
Balance and $\frac{1}{14}$ to the holders of 13 shares

*The undersigned hereby certifies
that \$18,000 was taken for
the incorporation
of 180 shares of \$100*

5. To satisfaction for each share the Bankers Empr. shall call
4. The sum of \$1000 or so it may stand 61,400 currency or 4
shares of \$25 each part of the required Capital of the Bankers
Emprary, 49,261 of such shares shall be paid as shares upon
which the sum of \$2,100 has been paid up. The remaining
12,139 shares shall be paid as fully paid shares.

6. All money Collected shall be retained by the Bankers
Emprary and repaid from to the issue of the said shares
paid & in shares 4 and 5.

7. The purchase shall be completed on the 30th day of
September next whereupon the said shares shall be re-
corded to the Eastern Emprary and the Swan Emprary
respectively or so they may direct and the said Empraries
shall thereupon respectively deliver each of the purchase money
by it required to be paid as money to be payable of delivery
and shall receive and receive to be granted by all
maturity parties all proper engagements consequences of the
nature of the purchase hereby by it agreed to be made
including the said Letters Patent

8 The Patent hereby agreed to be void to the Patent Co

shall be assigned to Thomas Allen Eaton The Lane Electric Light Company Limited and R. E. Foxworth No. 28 West 47th Street New York City

The execution of this Agreement and proper Grant of Patent concerning the receiving frames for using the menses of the Buckles in case of Edgerton relating to the Patent shall be drawn up and executed prior to next registration

9 The United Company shall indemnify and keep harmless the Eaton Company from all claims against it of whatever nature arising primarily from the execution of this Agreement

Other than claims made by the Government of the 19th day of January 1889 submitted to the "Bureau of Revision" of the Eaton Company and shall bear and pay all costs and charges of and incidental to the carrying out of this Agreement and the winding up of the Eaton Company

To The United Company shall indemnify and keep harmless the Lane Company from all claims against it of whatever nature arising primarily from the execution of this Agreement other than claims made by the Government of the 19th day of January 1889 submitted to the "Bureau of Revision" of the Eaton Company and shall bear and pay all

costs and charges of and incidentals to the carrying out of this Agreement and the sending up of the same Company in case it shall determine to be removed up upon the execution of this Agreement to within 6 months thereafter but such costs shall not be increased by arrangements relating to the carrying out of this Agreement.

We copy Notes of this meeting as required by the Office of Government of the Colon?

11. After the Colon Company and the same Company shall each consent in accordance with its regulations and Extraordinary General Meeting of its Members as to what on the day of specified next for the purpose of conducting P of approved of conforming this Agreement by a Special Resolution of the Resolution in favor of the same be approved of by the requisite majority of the Members present at such of such Meetings such Company shall hereupon call at as early a date as is convenient for the purpose to second & Extraordinary General Meeting for the purpose of confirming such Resolution and if the same is so confirmed shall on forthwith take all such steps as may be necessary to carry out this Agreement in accordance with its true intent.

12. If the Shareholders of the Colon Company or of the same Company shall or might on or before the 30th day of April

need to confirm this agreement or to pass any resolution or
necessary for giving effect to the same. Now in either of
such cases either of the Companies' practice books may
be used this agreement by notice in writing to the other.

13. Neither the Silver Company nor the Iron Company
shall be deemed to warrant the validity of any Silver
Book signed hereby or to hold nor be liable for the
performance by the other of any thing hereby agreed to
be done but each of the said Companies shall be deemed
to guarantee that it has not granted any license to
make use or vend the inventions the subject of the said
Patent or any of them here or to grant to third parties
or other articles made and already made by them or by
third parties.

14. The said Company shall never act separately or
separately under this agreement but to the same
is adopted and confirmed by the United Company the
same shall be binding on such Company in the same way
as if entered into under its common seal.

15. If any doubt arises or dispute shall arise between
the parties hereto or any of them as to the construction
of this agreement or as to compliance therewith or any

The said Remover or Removers as to anything herein or
inferred the matter in difference shall be referred to some
Person agreed on between the parties or in case of difference
to be nominated by the Governor of the County of England
for the time being whose decision shall be final with
power to each of them to nominate any other person in the
case of the death or refusal to act of the person first
nominated.

The Schedule above referred to

Services granted by the Crown by

- 1882 Aug^r 10th Service to the Marchioness of Pembroke & Devon
Bathic Light Co. L^{rs}
- 1882 Aug^r 11th & 12th Service to the Bathic Bathic Light Co. L^{rs}
- 1883 Aug^r 24th Agreement respecting George with the
Telegraph Commission & Messrs. Messrs. Co.

*These services form a
part of the Schedule of Grants
to be referred to in the
Bill of the Commission
to be made for it in the
Bill of the Commission
to be made for it in the
Bill of the Commission*

TELEPHONE NO 2880.

1, NEW COURT,

WATERHOUSE, WATERBOTHAM & HARRISON,
Solicitors.

CAREY STREET,

LINCOLNS INN, W.C.

Sept 1st 1893

Dear Sir,

Edison Electric Light Co and
Pearce Electric Light Co

Referring to the last
paragraph of the John Lubbock's
letter to me of the 16th ult., we now
beg to enclose a copy draft of the
proposed Agreement between the two
Companies. The draft has not yet
been finally settled and agreed on
but any further alterations would be
in detail merely.

We are, Dear Sir,
Yours faithfully,
Walter Waterbotham & Harrison

J. G. Edison Esq.
65 Fifth Avenue New York U.S.A.

Sept 1
Waterhouse
Winterbottom
&
Harrison

1893-09-01

1883-09-01

New York Sept 1st 1883

My dear Sir John

I have received in due course of mail yours of the 16th ultimo, & in compliance with your request called to you yesterday as follows

This ^{cable} substantially answers your ~~letter~~ requirements; ~~but~~ I think it due to you & myself, that I should ^{substantially} explain my reasons for the ^{substantially} contents of the telegram ^{to show that they} & even though ^{wholly} ~~my~~ dissatisfaction may not be justified ^{at} the ^{part} ~~reference~~ I did not ^{at} ~~originate~~ ⁱⁿ mere petulance.

The agreement with your company was in several respects founded on a principle never suggested from me by any other ^{individual} ~~country~~ or individual & which was always offensive to me. I refer to the ^{provisions of the Act} which ^{secretly bind} me during my life in respect to all my writings of this kind & yet leave the company free to repudiate what I say there. Please looking the ^{provisions of the Act} ~~provisions of the Act~~ of

B I am in the periplexity my
 mind & the subject & still
 that feeling of confidence & goodwill
 to which will me are good
 potent stimulant to exertion.
 Our lawyer explained this fully
 to our water house at the time
 of making that contract (if I am
 not mistaken) but the condition
 was insisted upon & I yielded
 out because the personal
 personnel of your Company was
 such that I anticipated nothing
 but success, & which case
 the success would come up of
 such quiet.

I have been this length in
 respect to this original & con-
 tinuing source of dissatisfaction
 because now when asked
 to work under his obligation for
 the benefit of him I was in
 his favor, at a radical
 periplexity of interest coming after
 an assumed preference & I
 found all the objection to this con-
 tract amplified & substantiated.
 I did not overlook the wrong
 - ought to make the \$20,000. &

an absolute

4 definite point ~~is~~ over to that
 the fact that in demanding an
 increase of 25 per cent in a share and
 upon the allowance to the Swam
 Confer (as on the consideration I suffer
 of the superior value of my
 point & position) that allowance
 was taken wholly to the
 shareholders. Under this a matter
 open to further discussion if ever
 your reasons satisfactory to me
 on mind. You for thinking
 that the change of 10 to 20 per
 cent from a conditional to an absolute
 share payment is not a suffi-
 cient consideration for having
 no share in this increase, or
 for submitting to a reduction of
 an interest in profit from 50
 per cent after 5 per cent preferred
 to 25 per cent of 7 per cent
 preferred.
 Having this indicated, as I hope
 sufficient to satisfy you that an
 expression of dissatisfaction was
 at least made in good faith
 & not as the result of feeling
 ill former drop that February

I reflected again, could I do this
 and that, with to be relieved
 share in the profit from
 the interest in the
 the interest in the
 the interest in the

5) I come now to the substantial
 considerations expressed in your
 letter, as I read a misunderstanding
 than in connection with my letter
 to Mr. Swenson, to which I allude
 I understand it to be an answer.

First I take as absolutely conclusive
 your opinion that less than 7 per
 cent will not obtain the re-
 quite capital of course if we
 are to go on. You must do so
 upon conditions adequate for
 success.

Second, in respect to the name I
 assume that you have not over-
 looked the terms of my letter
 and that I am ^{convinced} more bound
 to interpret your statement that my
 argument is "double edged" and if
 Mr. Swenson's ~~words~~ ^{words} are an
 unreasonable argument against you
 and the omission of his name
 as equivalent to saying that the
 conditions of Mr. Swenson's post con-
 tribute to this ~~is~~ ^{is} ~~properly~~ ^{properly} his obligation
 for the future, the probability that the
 performance of those obligations

1883-09-01

6. will lead to all larger & other
to that point, & the condition of his
retained ability in his mind -
I hope - & elsewhere we find
that he might make such an
argument - I doubt that in my
former letter that undoubtedly
some state of family law
before was implied to be
the same argument - I added
that in that case there would
be an unreasonable obstacle
to an amicable settlement in a
court. I fully meant what I
then said - & my present argu-
ment does not arise from
any charge of animosity or
feeling - It is due to
Hofstad whom I have been conceding
to me - Point when I read my
correspondence - I have checked &
given the meaning of your words
& reasons. It is not likely to be
the responsibility of defecting an
argument which is satisfactory to
you & others - How words & the
feeling that the ~~same~~ thing de-
sires, which I refer you to
see all a ~~sharply~~ realize

7) The profits which the author has
 & has not yet received
 have been ~~some~~ ^{some} ~~of~~ ^{of} ~~the~~ ^{the} ~~total~~ ^{total}
 & determined at the time
 of that letter ~~with~~ ^{to} consent
 to what I have now ~~announced~~
 to

Having given this account, showing
~~the~~ ^{the} ~~reason~~ ^{reason}
 for my ~~schufflin~~ ^{schufflin} - I was ~~then~~
 brought back upon those subjects
 & shall ~~be~~ ^{be} ~~entirely~~ ^{entirely} ~~upon~~ ^{upon} ~~the~~ ^{the}
 efforts (so far as my ~~own~~ ^{own} ~~efforts~~ ^{efforts} ~~in~~ ⁱⁿ ~~the~~ ^{the}
 period ~~of~~ ^{of} ~~my~~ ^{my} ~~own~~ ^{own} ~~life~~ ^{life} ~~in~~ ⁱⁿ ~~making~~ ^{making} ~~the~~ ^{the} ~~business~~ ^{business} ~~of~~ ^{of} ~~the~~ ^{the}
 life ~~of~~ ^{of} ~~successors~~ ^{successors} ~~in~~ ⁱⁿ ~~the~~ ^{the}
 & I trust that ~~you~~ ^{you} ~~will~~ ^{will} ~~be~~ ^{be} ~~able~~ ^{able}
 to ~~see~~ ^{see} ~~the~~ ^{the} ~~importance~~ ^{importance} ~~of~~ ^{of} ~~the~~ ^{the}
 & ~~conclude~~ ^{conclude} ~~and~~ ^{and} ~~sufficient~~ ^{sufficient} ~~to~~ ^{to} ~~enable~~ ^{enable}
 you ~~and~~ ^{and} ~~your~~ ^{your} ~~associates~~ ^{associates} ~~in~~ ⁱⁿ ~~the~~ ^{the}
 & ~~of~~ ^{of} ~~giving~~ ^{giving} ~~value~~ ^{value} ~~to~~ ^{to} ~~the~~ ^{the} ~~business~~ ^{business}
 & ~~of~~ ^{of} ~~the~~ ^{the} ~~profits~~ ^{profits} ~~which~~ ^{which} ~~are~~ ^{are} ~~my~~ ^{my} ~~sole~~ ^{sole}
 interest ~~and~~ ^{and} ~~my~~ ^{my} ~~family~~ ^{family} ~~and~~ ^{and} ~~mine~~ ^{mine} -

1883-09-07
Supposed final paragraph
to London letter 3rd Sept

Having given my consent
to what you ask of me;
and having expressed the
reasons for my strong
dissatisfaction and disappoint-
ment, I now turn my back
up those subjects, and shall
would express the hope that
the business of Electric Lighting
^{in the United Kingdom} conducted by the United
Company will prove a
signal ^{success} ~~success~~, and that I shall
have the active and friendly
support of yourself and your
associates in giving value
to any further contribution
which ^{my intellectual property} may lead me to make
of the Company ~~which my~~
~~interest in the field of~~
Electric Lighting ~~may lead~~
me to ~~make~~ ^{contributions} & which I
trust will enhance the
value of the interest which
my friends & myself retain
in the Company & of necessity
at the same time give more
value to the interests of your
~~own~~ ^{own} ~~business~~ ^{business} ownership
you & your associates

1883-09-01

Trusting that the new
enterprise will prove a
success

I remain Dear Sir
Yours truly

Blank No. 3

No. 15 a

CABLE MESSAGE.

1883-09-05

726

THE WESTERN UNION TELEGRAPH COMPANY.

ALL CABLE MESSAGES received for transmission must be written on the Message Blank provided by this Company for that purpose, and be subject to the conditions printed hereon, and on the back hereof, which conditions have been agreed to by the sender of the following message:

A. B. BREWER, Secretary.

NORVIN GREENE, President.

Check.

London 9

Edison Ny

65 Fifth Ave

791 BROADWAY.

Sept 5 1883

*Insull arranged with me
three months bill*

1883-09-03

Col 14

The Edison Electric Light Co. Limited.

LONDON, E.C. 4, 1883.

I have ~~not~~ ~~with~~ ~~in~~ ~~the~~ ~~future~~ ~~the~~
My dear Sir, will do as follows:

I have received your letter of the 27th, with the contents of which I am greatly impressed. I have taken the opportunity of privately communicating this letter to my colleagues, and I may say that so far as I have had the opportunity of eliciting their opinions, they are unanimous to the effect that the Edison Edison Company should meet Mr. Edison's views as far as is consistent with their own existence. Difficult though it may seem to you to understand the presence of such a sentiment, there is the deepest admiration and loyalty to Mr. Edison existent in the minds of the Edison Board.

It may still be the equal of any other that Mr. Edison's letter ~~from~~ ~~me~~ ~~is~~ ~~not~~ ~~agreeing~~ ~~to~~ ~~the~~ ~~amalgamation~~ ~~propositions~~, seemed to me incapable of being justly and effectually answered on this side!

I believe, and still believe, that in the event of a rhetorical reply being sent, which should have for effect the further revision,

Oh

1883-09-03

of the terms laid down by Mr. Edison, as the
most to which we could consent, while the
Company might possibly gain a legal,
or commercial victory by proving that it had
said we should sacrifice anything com-
pared to all companies more than that
which we should win by a practical
at the present juncture. On this point I
was differed with, as I have of ten been
differed with, by some of the legal and
commercial element in our Company,
and the letter of August 11th signed by
Mr. Johnson & Co. was accordingly dictated.

The result however of my
letter of August 11th determined me to
ascertain once for all the real feeling of the
Edison Board, as the subject of retaining
Mr. Edison's interest in the Edison Co. or
of deliberately sacrificing it to a momentary
advantage. The matter was brought up
at our next Board, and I am authorized
to say without in any way pledging the
Company to a distinct or explicit state-
ment as to the method in which Mr. Edison
views will be met that the Edison Company
will be glad voluntarily to surrender to Mr.
Edison some substantial financial expression
of

of their relief in and regard for them over
 and above the present legal arrangement
 provided any success at all follows their
 effort for the discomfitment of the Edison
 patent. This letter of course must be
 forwarded to the private committee
 but I have today received from Mr. Tab
 Taborn a letter which in outline is as
 follows. "I have had a meeting with
 Mr. Edison in which the following
 was discussed: 'I quite agree with you
 that it is desirable to meet Mr. Edison as
 far as possible. I have no objection to
 not republish this letter in any sense as official
 or directly or indirectly involving the Company
 as I am writing to you in a private capacity
 but I should be glad if you would acquaint
 Mr. Taborn and Mr. Edison, if you think fit,
 with the contents of this letter, as indicating
 the real opinion of the Edison Co. as distinguished
 from the merely official or legal statements which
 have already been the mouthpiece of the same
 opinions. Since Johnson went away we have
 received a considerable accession of work. My dis-
 lighting arrangements are beginning to equal my
 most disagreeable duties, etc."
 Yours very truly
 J. P. Sawyer Esq.

11
 12

1883-09-14

The Edison Electric Light Company, Limited,

74, COLEMAN STREET, E.C.,

14th September, 1883.

NOTICE IS HEREBY GIVEN that an EXTRAORDINARY GENERAL MEETING of THE EDISON ELECTRIC LIGHT COMPANY, LIMITED, will be held at the Cannon Street Hotel, London, E.C., on Tuesday, the 2nd day of October, 1883, at 12 o'clock (noon), for the purposes of considering, and if approved, of adopting and confirming the terms of an Agreement to be entered into and to be made between The Edison Electric Light Company, Limited, of the first part, The Swan United Electric Light Company, Limited, of the second part and a Trustee for and on behalf of a Company intended to be registered under the name of The Edison and Swan United Electric Light Company, Limited, of the third part, being a conditional Agreement for the sale to the last-mentioned Company of the business, goodwill, patents, rights, privileges and other property whatsoever of The Edison Electric Light Company, Limited, and of empowering the Directors to do all such things as may be necessary for carrying such agreement into effect with such modifications and additions (if any) as they may find necessary.

H. S. TREHARNE,

Acting Secretary.

1883-09-17

My dear Mr

~~GUISACHAN.
BEAULY. N.B.~~

Weymouth
Kent

OK

17 Sep. 1883

Dear Mr Edison

I am duly received

your letter of the 3rd
Inst

I am surprised
to hear that any

1883-09-17

part of your original
agreement was
"offensive" to you. I
must regret that
I had no idea that
it was the case.

The passing
of the "Provisional

Order" will enable
the Company to
show your system in
operation on a large
scale.

I wish we could
persuade your firm
in a visit in

²⁶
Sep 17/83

J Leubeck

England. Mr Edison Person
-al

Belgium

Jim my ting

John Leubeck

J A Edison

TELEPHONE NO 2880.

WATERHOUSE, WINTERBORN & WARRISON,
Solicitors.

1, NEW COURT,

CAREY STREET,

ST. JAMES'S, LONDON, W.C.

A. E. M. Waterhouse
20th Feb 1883.

My dear Sir

Belton Electric Light Co &
Loam Electric Light Co

In my absence on the Continent
my firm wrote to you on the 1st
of this month with Copy Draft of
the proposed agreement between the
2 Companies. The Draft was not
then finally settled but you were
informed that any further alteration
would be in detail merely.

The alterations in point of fact
have been extremely slight, & verbal
rather than in matters of substance.

Yours faithfully

We hope to be able to send you a
print by Saturday's mail, viz, the
day after tomorrow.

I may perhaps be allowed to
add that personally I could not
but regret that 6% rather than
7% was not fixed for the Defunctual
Dividend - It would have been
perfectly satisfactory to myself as
one of the shareholders, & I am
still attempting in spite of your
having consented to the 7%, to
see whether some modification
may not still be made in your
favor on this point.

I trust however that whether or
no I am successful, & in this
matter I consider myself as your
representative rather than as acting

1883-2-20

simply (on behalf of the Edison
Company) upon the meeting to
confirm the Agreement takes
place on the 2nd prox your
proxy will attend & give the
Agreement the support of your
vote.

I believe in my dear Sir,
Yours faithfully
George Washington

I find myself able before closing
this to forward a proof of the
Agreement as today revised.

T. A. Edison Coy
165 Fifth Avenue
New York
U.S.A.

[Faint, mostly illegible text, possibly bleed-through from the reverse side of the page.]

TELEPHONE NO 2080. *OK*

WATERHOUSE, WINTERBOSTON & HARRISON.
Solicitors.

1, NEW COURT,

CAREY STREET,

LINCOLNS INN, W.C.

22nd Sept 1883.

My dear Sir

Edison Electric Light Coy &
Loom Electric Light Coy

Referring to my letter of the day before yesterday I now beg to enclose a print of the amalgamation agreement as it is now ~~to~~ to be submitted for the approval of the meeting on the 2nd Oct. The only alteration made since my last letter is one of a few words in clause 5 which do not affect your interest.

Since writing, the day before yesterday, I have had placed in my hands a copy of your letter of Sept 3rd which

Mr. May 22 Sept
John Rutbock to which John will doubtless himself reply. I can only repeat my wish that the Directors had seen their way to fix the preferential dividend at 6%. Their fear has been that it would not be a sufficiently tempting rate to attract Capital here, but for my own part I cannot but believe that if once we can show that Electric Lighting can be made to pay there will be no difficulty at all about Capital. It has been a very uphill fight so far, but I believe now that with your continued assistance we may soon have the crown.

Believe me
Yours or faithfully

Wm. Waterhouse

J. A. Chesley

65 Fifth Avenue

New York

W.C.

1883-02-22

1883
at

TELEPHONE NO 2550.

1, NEW COURT,

WATERHOUSE, WINTERBETHAN & HARRISON,
Solicitors.

CAREY STREET,

LINCOLNS INN, W.C.

20th Oct 1883

My dear Sir

Edison Electric Light Company &
Swan Electric Light Company

I beg to report to you that the Amalgamation Agreement having been duly executed the extraordinary General Meetings of the two Companies were simultaneously held to day and a Resolution was passed at each unanimously adopting and confirming.

The amalgamation therefore will now proceed and the united Edison & Swan Electric Light Company will be registered in the course of a few days.

Mr Douglas your representative was present at the meeting.

I wish much that I were able this morning to inform you that the Presidential Dividend had been altered from 7 to 6%. I did my best to obtain this reduction, and had an interview with Mr Forbes, the Chairman of the Swan Company, last week on the subject - He felt himself however personally powerless in the matter and foresaw that there would be a great danger of the arrangement falling through if the alteration I pressed upon him was attempted.

I enclose herewith a Copy of the Agreement as actually exchanged & confirmed to day, and remain, dear Sir,

Yours very faithfully,
Thos W Waterhouse.

J. B. Edison by
65 Fifth Avenue New York. } (J. S. C.)

W. H. W. H.
J. S.

Our business in getting the Drafts
received instructions from us to pay
special attention to any points
which your interests were concerned
and to take care that those interests
were adequately protected. You
may like to look at his first note
at the end of the print enclosed
herewith.

J. H.

Where this print is underlined in red it shows the alterations made since the draft was submitted to Edison

W. W. W. 20.11.13.

An Agreement made the _____ day of September, 1883, BETWEEN THE EDISON ELECTRIC LIGHT COMPANY LIMITED, (hereinafter called "The Edison Company") of the first part, THE SWAN UNITED ELECTRIC LIGHT COMPANY LIMITED, (hereinafter called "The Swan Company") of the second part, and GEORGE BLACK, of 21, Burghley Road, Kentish Town, in the County of Middlesex, Gentlemen, as Agent for and on behalf of a Company intended to be registered under the name of THE EDISON AND SWAN UNITED ELECTRIC LIGHT COMPANY LIMITED, (hereinafter called the "United Company") of the third part. WHEREAS it is intended that the Edison Company and the Swan Company, respectively, shall for the considerations hereinafter appearing, sell its business, goodwill, and other property, (with the exception set forth in the second Clause hereof) to the United Company, subject to the provisions and otherwise in the manner and upon the terms hereinafter expressed. AND WHEREAS a print of the proposed Memorandum and Articles of Association of the United Company has been approved by the parties hereto of the first and second parts.

NOW IT IS HEREBY AGREED AS FOLLOWS:—

1. The Edison Company shall sell to the United Company, and the United Company shall purchase from the Edison Company, ALL the business, goodwill, patents, rights, privileges, and other property whatsoever of the Edison Company.
2. The Swan Company shall sell to the United Company, and the United Company shall purchase from the Swan Company ALL the business, goodwill, patents, rights, privileges, and other property whatsoever of the Swan Company, except only the Foreign and Colonial Patents, and the rights and privileges connected therewith, and the business and goodwill of the Swan Company without the United Kingdom.
3. The sale by each of the selling Companies shall take effect as from the 30th June last, as from which date each selling Company shall as between itself and the United Company be deemed to have carried on, and to be carrying on the business hereby agreed to be sold for and on account of the latter Company. The United Company shall, as between itself and the selling Companies, respectively, take over and discharge all the debts and liabilities of the said selling Companies respectively, as on 30th June last, (except such portion of the debts and liabilities of the Swan Company, as are in respect of the property not sold by them as aforesaid,) but so that nothing in this Clause shall be deemed to extend the rights of any third parties, or to create any direct liability between them, or any of them and the United Company.
4. As the consideration for such sale by the Edison Company the United Company shall allot to the Edison Company, or as it may direct 45,000 ordinary or A Shares of £5 each, part of the original Capital of the United Company, 40,000 of such Shares shall be issued as Shares upon which the sum of £2 10s. has been paid up, and the remaining 5,000 Shares shall be issued as fully paid Shares. The Edison Company shall have the option (to be exercised in writing within three months from the date hereof) of requiring that in lieu of any of the said 5,000 Shares the United Company shall allot to it or as it may direct twice the number of ordinary or A Shares, to be issued

as Shares upon which £2 10s per Share has been paid up. The United Company shall also from time to time issue (as further part of such consideration) to the Edison Company, or as it may direct fully paid-up B Shares of £5 each in the following proportions one fully paid up B Share for every £15 paid up or credited as paid up on the ordinary Capital of the United Company. The B Shares of the United Company so to be allotted to the Edison Company or as it may direct shall not be entitled to receive any dividend until there has been paid as dividend on the ordinary or A Shares of the United Company a sum equal in the aggregate to a preferential, cumulative dividend of 7 per cent. per annum on the amount paid up or credited as paid up on such A Shares, but after such dividend has been paid the surplus profits available for dividend shall be divided between the A Shares and the B Shares in proportion to the amount paid up or credited as paid up thereon. The voting power of the B Shares shall be one vote for every two Shares, each A Share being entitled to one vote. In the case of a winding-up the holders of A Shares shall be entitled to receive in full the amount paid up or credited as paid up upon their Shares with any arrears of the 7 per cent. dividend in priority to any payment to the holders of B Shares, and any surplus of assets then remaining shall be distributed in the proportion of one-fourth to the holders of B Shares, and three-fourths to the holders of A Shares.

5. As the consideration for such sale by the Swan Company the United Company shall allot to the Swan Company, or as it may direct, 61,400 ordinary or A Shares of £5 each, part of the original Capital of the United Company, 49,261 of such Shares shall be issued as Shares upon which the sum of £2 10s. has been paid up, and the remaining 12,139 Shares shall be issued as fully paid Shares. Such last-mentioned fully paid Shares shall participate in dividends with the other Ordinary or A Shares in proportion to the amounts from time to time respectively paid up or credited as paid up thereon, until such dividends shall in each year amount to £5 per centum per annum upon the capital actually paid up, and thereafter all the issued Ordinary or A Shares shall in each year rank alike for dividends per Share without reference to the amount paid up, or credited as paid up thereon. The Swan Company shall have the option to be exercised in writing within three months from the date hereof of requiring that in lieu of any of the said 12,139 Shares the United Company shall allot to it, or as it may direct, twice the number of Ordinary or A Shares to be issued as Shares upon which £2 10s. per Share has been paid up.

6. All necessary Contracts shall be executed by the United Company, and registered prior to the issue of the said Shares referred to in Clauses 4 and 5.

7. The purchase shall be completed on the 31st day of October next, whereupon the said Shares shall be so allotted to the Edison Company and the Swan Company respectively, or as they may respectively direct, and each of the said Companies shall thereupon deliver such of the property hereby by it agreed to be sold as may be capable of delivery, and shall execute and cause to be executed by all necessary parties all proper assignments and conveyances of the residue of the property hereby by it agreed to be sold, including the said Letters Patent. Each selling Company shall use its best endeavours to procure the assignment to the United Company of the benefits of the Provisional Order or Orders obtained by it, and shall meanwhile hold the said Order or Orders in trust for the United Company.

Clause D has been inserted in order to keep alive certain
rights to know what assistance will be valuable in
any litigation with the Patent. W. B. S. 11

8. The Patents hereby agreed to be sold to the United Company shall be assigned to Thomas Alva Edison, The Swan Electric Light Company Limited, and R. E. Crompton & Co., or such one or more of them, or to such other person or persons as the United Company may desire in trust for the United Company and such assignments shall be duly registered. A proper Deed of trust containing the necessary powers for using the names of the Trustees in case of litigation relating to the Patents shall be drawn up and executed prior to such registration.

9. The United Company shall indemnify and keep harmless the Edison Company from all claims against it of whatever nature arising previously to the 30th June last, other than claims under the Agreement of the 18th day of February 1882, scheduled to the Articles of Association of the Edison Company, except those under clause 15 of the said Agreement, and shall bear and pay all costs and charges of and incidental to the carrying out of this Agreement and the winding up of the Edison Company.

10. The United Company shall indemnify and keep harmless the Swan Company from all claims against it of whatever nature arising previously to the 30th June last, other than claims arising out of or connected with the property not sold by them as aforesaid, and shall bear and pay all costs and charges of and incidental to the carrying out of this Agreement, and the winding up of the Swan Company, in case it shall determine to be wound up, upon the execution of this Agreement or within six months thereafter, but such costs shall not be increased by arrangements relating to the property not sold by them as aforesaid.

11. The Edison Company and the Swan Company shall each, if the necessary Resolutions for confirming this Agreement are passed at the Meetings of the respective Companies, which have been called for the 2nd day of October next, forthwith, take all such steps as may be necessary to carry out this Agreement in accordance with its true intent.

12. If the Shareholders of the Edison Company or of the Swan Company refuse or neglect on or before the 31st day of October next to confirm this Agreement or to pass any resolution necessary for giving effect to the same, then in either of such cases either of the Companies parties hereto may rescind this Agreement by notice in writing to the other.

13. Neither the Edison Company nor the Swan Company shall be deemed to warrant the validity of any Letters Patent hereby agreed to be sold, nor be liable for the non-performance by the other of anything hereby agreed to be done, but each of the said Companies shall be deemed to guarantee that it has not granted any Licenses to make, use, or vend the inventions, the subject of the said Patents, or any of them, save in respect to plant lamps or other articles made and already sold by them, except those scheduled hereto.

14. The said George Black shall incur no responsibility whatever under this Agreement, but so soon as the same is adopted and confirmed by the United Com-

pany the same shall be binding on such Company in the same way as if entered into under its Common Seal.

15. If any doubt, difference, or dispute shall arise between the parties hereto, or any of them, as to the construction of this Agreement, or as to anything to be done or money to be paid hereunder, or otherwise, as to anything herein contained, the matter in difference shall be referred to some person agreed on between the parties, or in case of difference, to be nominated by the President of the Incorporated Law Society for the time being, whose decision shall be final, with power to him to nominate any other person in the event of the death or refusal to act of the person first nominated.

THE SCHEDULE ABOVE REFERRED TO.

LICENSES GRANTED BY THE EDISON COMPANY.

1882, August 10th, License to the Manchester and District Edison Electric Light Company, Limited.

1882, August 11th, License to the British Electric Light Company, Limited.

1883, August 3rd, Agreement respecting Lamps with the Telegraph Construction and Maintenance Company.

Dated

1883.

The Edison Electric Light Company,
Limited,

AND

The Swan United Electric Light
Company, Limited,

WITH

The Edison and Swan United Electric
Light Company, Limited.

Agreement for Amalgamation.

ASHBUST, MORRIS, CRISP & CO.,
8, Old Jewry, E.C.
WATERHOUSE, WINTERBOTHAM & HARRISON,
1, New Court,
Lincoln's Inn

Dated 1st October, 1888.

The Edison Electric Light Company
Limited

AND

The Swan United Electric Light
Company Limited

WITH

The Edison and Swan United Electric
Light Company Limited.

Agreement for Amalgamation.

ASHVEST MORRIS, CRISP & CO.

6 Old Jewry E.C.

WATERHOUSE WINTERBOTHAM & HARRISON

1 New Court

Lincoln's Inn, W.C.

An Agreement made the 1st day of October 1883 BETWEEN THE EDISON ELECTRIC LIGHT COMPANY LIMITED (hereinafter called "The Edison Company") of the first part THE SWAN UNITED ELECTRIC LIGHT COMPANY LIMITED (hereinafter called "The Swan Company") of the second part and GEORGE BLACK of 21 Burghley Road Kentish Town in the County of Middlesex Gentleman as Agent for and on behalf of a Company intended to be registered under the name of THE EDISON AND SWAN UNITED ELECTRIC LIGHT COMPANY LIMITED (hereinafter called the "United Company") of the third part. WHEREAS it is intended that the Edison Company and the Swan Company respectively shall for the considerations hereinafter appearing sell its business goodwill and other property (with the exception set forth in the second Clause hereof) to the United Company subject to the provisions and otherwise in the manner and upon the terms hereinafter expressed. AND WHEREAS a print of the proposed Memorandum and Articles of Association of the United Company has been approved by the parties hereto of the first and second parts.

NOW IT IS HEREBY AGREED AS FOLLOWS :-

1. The Edison Company shall sell to the United Company and the United Company shall purchase from the Edison Company all the business goodwill patents rights privileges and other property whatsoever of the Edison Company.
2. The Swan Company shall sell to the United Company and the United Company shall purchase from the Swan Company all the business goodwill patents rights privileges and other property whatsoever of the Swan Company except only the Foreign and Colonial Patents and the rights and privileges connected therewith and the business and goodwill of the Swan Company without the United Kingdom.
3. The sale by each of the selling Companies shall take effect as from the 30th June last as from which date each selling Company shall as between itself and the United Company be deemed to have carried on and to be carrying on the business hereby agreed to be sold for and on account of the United Company. The United Company shall as between itself and the selling Companies respectively take over and discharge all the debts and liabilities of the said selling Companies respectively as on 30th June last (except such portion of the debts and liabilities of the Swan Company as are in respect of the property not sold by them as aforesaid) but so that nothing in this Clause shall be deemed to extend the rights of any third parties or to create any direct liability between them or any of them and the United Company.
4. As the consideration for such sale by the Edison Company the United Company shall allot to the Edison Company or as it may direct 45,000 ordinary or A Shares of £5 each part of the original Capital of the United Company 40,000 of such Shares shall be issued as Shares upon which the sum of £2 10s. has been paid up and the remaining 5,000 Shares shall be issued as fully paid Shares. The Edison Company shall have the option (to be exercised in writing within three months from the date hereof) of requiring that in lieu of any of the said 5,000 Shares the United Company shall allot to it or as it may direct twice the number of ordinary or A Shares to be issued

(2)

as Shares upon which £2 10s per Share has been paid up. The United Company shall also from time to time issue (as further part of such consideration) to the Edison Company or as it may at any time hereafter direct fully paid-up B Shares of £5 each in the following proportions one fully paid up B Share for every £15 paid up or credited as paid up on the A Shares of the United Company whether such A Shares form part of the original capital of the United Company or of any increase of capital. The said B Shares shall not be entitled to receive any dividend until there has been paid as dividend on the ordinary or A Shares of the United Company a sum equal in the aggregate to a preferential cumulative dividend of 7 per cent. per annum on the amount paid up or credited as paid up on such A Shares but after such dividend has been paid the surplus profits available for dividend shall be divided between the A Shares and the B Shares in proportion to the amount paid up or credited as paid up thereon subject to the provisions of Clause 5 in respect of the A Shares to be allotted to the Swan Company as fully paid-up Shares. The voting power of the B Shares shall be one vote for every two Shares each A Share being entitled to one vote. In the case of a winding-up the holders of A Shares shall be entitled to receive in full the amount paid up or credited as paid up upon their Shares with any arrears of the 7 per cent. dividend in priority to any payment to the holders of B Shares and any surplus of assets then remaining shall be distributed in the proportion of one-fourth among the holders of B Shares and three-fourths among the holders of A Shares but this provision shall not prejudice the rights of the holders of A Shares *inter se* in respect of A Shares issued under special conditions.

5. As the consideration for such sale by the Swan Company the United Company shall allot to the Swan Company or as it may direct 61,400 ordinary or A Shares of £5 each part of the original Capital of the United Company 49,261 of such Shares shall be issued as Shares upon which the sum of £2 10s. has been paid up and the remaining 12,139 Shares shall be issued as fully paid Shares. Such last-mentioned fully paid Shares shall participate in dividends with the other ordinary or A Shares in proportion to the amounts from time to time respectively paid up or credited as paid up thereon until such dividends shall in each year amount to £5 per centum per annum upon the capital paid up or credited as paid up and thereafter such last-mentioned fully paid Shares shall in each year rank for dividends without reference to the amount credited as paid up thereon and each such Share shall receive the same amount of dividend as each other Ordinary or A Share to be allotted to the Swan Company irrespective of the amount for the time being paid up thereon. The Swan Company shall have the option (to be exercised in writing within three months from the date hereof) of requiring that in lieu of any of the said 12,139 Shares the United Company shall allot to it or as it may direct twice the number of ordinary or A Shares to be issued as Shares upon which £2 10s. per Share has been paid up.

6. The United Company shall have full power hereafter to issue any of the ordinary or A Shares part of the original capital of the Company or any A Shares of increased capital as preferential guaranteed or deferred Shares provided that, in no case shall the rights of the B Shareholders to participate in the profits of the United Company in manner hereinbefore provided by Clause 4 be thereby interfered with or their interest in the profits of the United Company diminished.

(3)

7. All necessary Contracts shall be executed by the United Company and registered prior to the issue of the said Shares referred to in Clauses 4 and 5.

8. The purchase shall be completed on the 31st day of October instant whereupon the said Shares shall be allotted to the Edison Company and the Swan Company respectively or as they may respectively direct and each of the said Companies shall thereupon deliver such of the property hereby by it agreed to be sold as may be capable of delivery and shall execute and cause to be executed by all necessary parties all proper assignments and conveyances of the residue of the property hereby by it agreed to be sold including the said Letters Patent.

9. The Patents hereby agreed to be sold to the United Company shall be assigned to Thomas Alva Edison The Swan Electric Light Company Limited and R. E. Crompton & Co. or such one or more of them or to such other person or persons as the United Company may desire in trust for the United Company and such assignments shall be duly registered. A proper Deed of Trust containing the necessary powers for using the names of the Trustees in case of litigation relating to the Patents shall be drawn up and executed prior to such registration.

10. The United Company shall indemnify and keep harmless the Edison Company from all claims against it of whatever nature arising previously to the 30th June last (other than claims under the Agreement of the 18th day of February 1882 scheduled to the Articles of Association of the Edison Company except those under Clause 15 of the said Agreement) and shall bear and pay all costs and charges of and incidental to the carrying out of this Agreement and the winding up of the Edison Company.

11. The United Company shall indemnify and keep harmless the Swan Company from all claims against it of whatever nature arising previously to the 30th June last (other than claims arising out of or connected with the property not sold by them as aforesaid) and shall bear and pay all costs and charges of and incidental to the carrying out of this Agreement and the winding up of the Swan Company in case it shall determine to be wound up upon the execution of this Agreement or within six months thereafter but such costs shall not be increased by arrangements relating to the property not sold by them, as aforesaid.

12. The Edison Company and the Swan Company shall each if the necessary Resolutions for confirming this Agreement are passed at the Meetings of the respective Companies which have been called for the 2nd day of October instant forthwith take all such steps as may be necessary to carry out this Agreement in accordance with its true intent.

13. If the Shareholders of the Edison Company or of the Swan Company refuse or neglect on or before the 31st day of October instant to confirm this Agreement or to pass any resolution necessary for giving effect to the same then in either of such cases either of the Companies parties hereto may rescind this Agreement by notice in writing to the other.

14. Neither the Edison Company nor the Swan Company shall be deemed to warrant the validity of any Letters Patent hereby agreed to be sold nor be liable

(4)

for the non-performance by the other of anything hereby agreed to be done but each of the said Companies shall be deemed to guarantee that it has not granted any Licenses to make use or vend the inventions the subject of the said Patents or any of them save in respect to plant lamps or other articles made and already sold by them except those scheduled hereto.

15. Each selling Company shall use its best endeavours to procure the assignment to the United Company of all property hereby agreed to be sold and shall meanwhile hold the same in trust for the United Company.

16. The said George Black shall incur no responsibility whatever under this Agreement but so soon as the same is adopted and confirmed by the United Company the same shall be binding on such Company in the same way as if entered into under its Common Seal.

17. If any doubt difference or dispute shall arise between the parties hereto or any of them as to the construction of this Agreement or as to anything to be done or money to be paid hereunder or otherwise as to anything herein contained the matter in difference shall be referred to some person agreed on between the parties or in case of difference to be nominated by the President of the Incorporated Law Society for the time being whose decision shall be final with power to him to nominate any other person in the event of the death or refusal to act of the person first nominated.

THE SCHEDULE ABOVE REFERRED TO.

LICENSES GRANTED BY THE EDISON COMPANY.

1882 August 10th and 1883 February 27th License to the Manchester and District Edison Electric Light Company Limited.

1882 August 11th License to the British Electric Light Company Limited.

1883 August 3rd Agreement respecting Lamps with the Telegraph Construction and Maintenance Company.

In witness whereof the Edison Company and the Swan Company have hereunto respectively set their Common Seal the day and year first above written.

SHELFORD BIDWELL,

J. STEWART,

} Directors.



H. S. TREHEARNE, Acting Secretary.

J. S. TREVOR,

E. W. BAIT,

} Directors.



JAMES H. IVORY, Secretary.

*I have perused this agreement as the interests of the B-shareholders
approve the same.
North Newblom
Newport, Lincolnshire
Sept. 29. 1883.*

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

1883-10-05
The Edison Electric Light Company, Limited,

74, Coleman Street,

London, E.C., 5TH OCTOBER, 1883.

RECEIVED

OCT 15 1883

.....1883.....
FILE NO.....

DEAR SIR,

I HAVE WRITTEN FULLY TO MR. JOHNSON AND TO MAJOR EATON ON

THE SUBJECT OF THE "BREGON" INSTALLATION AND BEG TO DESPEAK YOUR GOOD

OFFICES IN CONNECTION WITH THE SHIP WHILE SHE IS IN PORT.

I AM, DEAR SIR,

YOURS FAITHFULLY

Amela White

T. A. EDISON ESQ.,

65, FIFTH AVENUE,

NEW YORK, U. S. A.

1010
1111
1111
1111
1111
1111

Small Can knowls

HIGH ELMS.
HAVES.
KENT.

17 Oct 1883

Dear Mr Edison

I had looked forward
to the amalgamation of
the two Companies
as a time when I
might without inconvenience
return from the Direction
for which I find it
increasingly difficult

to spare the time
especially when
Parliament is sitting.

So many of the
Shareholders however
have pressed me to
remain for the present
that I have consented
to do so.

I trust that I may rely

on your support.

We are in every way,
but have still to compete
with Companies who
are content to work at
a loss; & I believe in
some cases try to avoid
it by inferior work, a
course which I know
you would better not

to wait us to follow.

Please remember me
kindly to Mr. & Mrs.
Johnson & believe me

Yours very truly

John Lubbock

J. Lubbock

1870
New York

Oct 17/70
3

3
Oct 26/1883
re to Chairmanship
of the English Co

Gravel
wrote something
for me to sign
26 Oct 1883

HIGH ELMS.
HAVES.
KENT.

Dear Mr Edin

I wrote to you last
week saying that I
hoped to become Chairman
of the United Company,
but when I came to
look into the work in
hand I found that if

The Chairman ^{dearly}
his duty it would
require more time &
thought than I could
possibly give, & I have
reluctantly abandoned
the idea.

The light is
making its way, & of
course gives great

salvation, but the
expense is a great
impediment to isolated
installations.

Believe me

Yours very truly
John Lubbock

J Lubbock

TELEPHONE No. 532

All Letters to be addressed to
the Secretary.

The Manchester and District
Edison Electric Light Company Limited.

19, Victoria Buildings,
(Goods to 7, St. Mary's Gate.)
Manchester, 1883

10-10-30
32
Oct 30/13
1883

of Manchester
are to sample
Manchester
Oct 27

The Alva Edison Esq
65 Fifth Avenue
New York

To Sir, Our Chairman, Mr
Aumontage recently returned from a
visit to America during which he
he had the pleasure of an interview
with you. He had hoped that certain
samples of the latest forms of Edison
Oratonsal would have been sent, as
promised, to his Hotel before leaving
for England. From some circumstances
these failed to arrive; and I am
now requested to ask you to be

Kind enough to send forward samples
of any articles which during the
last 12 months have been improved
or materially modified in type. I
shall be glad also to receive a list
of your latest types of Dynamos. You
are aware that Dr. Hepler has
patented certain modifications of your
machine, and that these dynamos are
now being made by Messrs. Mather &
Platt of this city. If we can be
better supplied from America, the
Co^y will not hesitate so to supply
itself, and I shall therefore be
glad to know what, if any, are
the modifications in the original
types of ~~the~~ ^{your} Dynamos, and the
prices at which you can now
offer them to us.

With reference to a direct

business communication with the Co^y -
about which, I understand from Mrs
Armitage, you have some scruples -
I have only to say that my Directors
would greatly prefer it to communica-
-tions filtered through the Parent
London Company. We are prepared
to send remittances to you direct,
and, if necessary, with the order
as transmitted. We have ~~had~~
permission from the London Co^s to
go direct to you for lamps, and
it was in consequence of this that
I, some months ago, sent you an
order for 2000. I should suppose
that the permission applies equally
to other material as well as lamps,
and do not doubt that if we had

mentioned other articles the permission
would then just as readily ^{have} been given.
The benefit of direct communication was
shown by the fact that ~~London~~ ^{London} from America
direct cost us about 2/2 3/4 each instead
of 2/6 as from the London Co's. The
% of breakage was also much less.

Whether the Parent Co's at the moment
would give us ~~the~~ any extension of privi-
lege is doubtful, in face of their intended
amalgamation with the Swiss Co's. As
yet, they have not declared their policy,
with reference to the Co's; and my Direct-
ors are in the dark as to what is to
be our future position. Are we to remain
a solitary "Edwin" Co's in the Country;
or are we to be the representatives of
the new Co's possessing equal powers over
the ~~Edwin~~ district in our relation
to the Swiss Co's as formerly in those
with the Edwin? There are matters on
which we have no light afforded us from
London; but they are said to my Directors hold
very strong opinions about; and the Co's must
be taken into account and settled with before the London
arrangements can be finally completed. Jan 15 1878. (Remount)

Lamps

1883-11-13

Telephone No. 848.

The Edison ^{GROUP UNITED} Electric Light Company, Limited.

74, Coleman Street,

London, E.C. ~~4th DISTRICT~~ 1883

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

THE EDISON LIGHT
COMPANY, LIMITED,
NEW YORK.

DEAR SIR,

WE REGRET TO ADVISE YOU THAT THE COMPLETE DELIVERY OF THIS ORDER OF LAMPS
 IS DELAYED BY REASON OF THE DELAY IN RECEIVING THE ORDER FROM THE
 CUSTOMER. THE ORDER WAS RECEIVED ON THE 10TH INSTANT AND WE HAVE
 BEEN WORKING ON IT SINCE THAT DATE. WE HAVE BEEN DELAYED BY
 REASON OF THE DELAY IN RECEIVING THE ORDER FROM THE CUSTOMER.
 WE ARE SURE THAT YOU WILL UNDERSTAND THE POSITION AND WE
 TRUST THAT YOU WILL BE PLEASED TO RECEIVE THE ORDER OF THESE LAMPS AS THE
 COURSE OF THE PRESENT WEEK.

I AM, DEAR SIR,

W. H. ...
SECRETARY PRO TEM.

1883-11-17

Nov. 17

3

17

S. Russell

of clearing
matter about

English Light

C
W. Russell

Dear Mr. Russell. About six weeks
ago you wrote me that you
would endeavor to clear that
matter during the week, it is
not I forget which. I hope
you will endeavor more to the
purpose. pretty soon.

It seems to me, with defer-
ence, that considering the nature
of this business, it has stood
in it some, much too long.

It is not apparent to me
the cause of this, & in this case
I believe I have written at
a length not, that may perhaps
and, perhaps in relation, much
to do as I see, & however you
periodically. I would rather
hear it to you.

Yours truly
W. Russell

1883-11-17

W. G. & Co.

ADDRESS FOR TELEGRAMS: MESSRS. MANCHESTER.



SALFORD IRON WORKS

MANCHESTER

19th Dec 1888

TELEPHONE NO. 558

Dear Mr. ...

The ... the first ...
 I have had ... and ... as you
 probably heard ... had a ...
 no ... on ... the ...
 The second ... on the
 ship's big engine cracked - ...
 to engine got ... the ...
 with ... of water ...
 our dynamo ... was flooded ...
 fall ... with water. The light
 was all night up to ...
 the last ... the ...
 engines; - ... the ...
 stop ... full of water. **W.G.**

You remember what you told me about
 strength of shafts? That was ...
 to break? I found, on my return
 that they had already had trouble
 & were enlarging them, so I jumped
 them up again. -

One thing I forgot to write over
 with you: - taking back a sample
 of the French varnish you use; -
 Will you be good enough to send
 me over a couple of pounds; - I
 can't find anyone here who knows what
 "white French varnish" means.

What success have you had with
 the paper pulley - another does it
 compare with the others for cost?

We are looking out for your
 champion dynamo with all the
 modern improvements; - managed
 to steal a few of your "happy thoughts"

Warranted to last 100

ADDRESS FOR TELEGRAMS: MATHER, MANCHESTER



SALFORD IRON WORKS
MANCHESTER

19th Dec

TELEGRAMS: MEB

Dear Sir,

I have been thinking of writing to you for some time, but have probably been so busy that I have not had time to do so. I have now the second large engine on the ship's big engine and I am sure that you will be glad to hear that I have got it to do a full 5000 revolutions per minute if we are going to run on dynamo. We are, of course, using full pressure of water. The light was all right up to 2000 revolutions, but the last night this broke down both engines; - I am sure that you will be glad to hear that I have got it to do a full 5000 revolutions per minute if we are going to run on dynamo.

You remember what you told me about strength of shafts? That ours were too weak? I found, on my return, that they had already had trouble & were enlarging them, so I jumped them up again. -

One thing I forgot to write over with you; - to bring back a sample of the French varnish you use; - Will you be good enough to send me either a couple of pounds; - I can't find anyone here who knows what "white French varnish" means.

What success have you had with the paper pulley - and how does it compare with the others for cost?

We are looking out for your champion dynamo with all the modern improvements; - I managed to steal a few of your "happy thoughts"

what's best there, but we want all
the very latest.

If you could oblige me with a
couple of pounds of French Vanilla
with the recipe for making it -
you would greatly oblige

Yours Faithfully
Holbrook Cushman

1876
1877
1878
1879
1880

1883-12-07

WATERHOUSE & WINTERBOTHAM, *Harrison*
Solicitors.

1, NEW COURT,

CAREY STREET,

LINCOLNS INN, W.C.

7th Dec. 1883.

My dear Sir,

Edison & Swan United Electric Light Coy

I have been wishing for several weeks past to give you information with reference to the constitution of the Board and of the Staff of the above Company. The arrangements however took much longer in completing than could at first have been anticipated, and it is only this week that some of the more important details have been finally settled.

I am happy now to inform you that on Tuesday last Major Flood Page was appointed ~~and~~ Secretary to the Company, in which capacity he is to have the entire responsibility of the management of the Company subject of course to the control of the Board. This appointment will I trust be most satisfactory to yourself. I know that Major Flood Page has the very highest opinion of your system, & the importance of carrying out that system is not likely to be ignored under his management.

Dr. Fleming has been appointed head electrical engineer to the Company he undertaking to give all his time to it.

With regard to the Board we had at first hoped that Mr. John Lubbock would have filled the post of Chairman and matters had gone proper in this direction that he had been induced to accept it, when further consideration of his other engagements led him to feel that he could not devote to it the time it would require, a conclusion to which I believe he came with considerable regret. The Chair accordingly fell to Mr. Forbes who is giving much attention to the affairs of the Company and is looking into matters in a way which I think augurs well for its future prosperity.

Of former Edison Directors we have on the Board Prof. Ayrton, W. Whelford Bidwell, Mr. J. Ceylan & Mr. Arnold White. I believe it is somewhat uncertain whether the latter gentleman will retain his position as Director long, but if he should not remain I think you need feel no apprehension that the Edison interest on the Board, so far as there is any ^{such} interest antagonistic to that of ^{the} Swan Directors will not be fully represented.

There does not seem to be the least chance of any clinking. The various members of the Board are in fact said to be all working together in the most satisfactory way & I hope that we shall very soon have some substantial progress in the way of actual work done to report to you.

I ought perhaps to mention that we made every effort to retain upon the Board of the Company Mr. Stewart & Mr. Sebell & that the vice Chairmanship was offered to Mr. Wade. These gentlemen however all declined on one ground or another, but for the most part feeling that they had not time enough at their disposal to attend to the very important interests which the Board will have to watch over.

We expect to proceed vigorously with an action against one of the lamp infringers at the beginning of the new year when some advantage may be anticipated from our then being under the provisions of the new Patent Act passed last Session.

I need hardly say with how great interest

we always hear of any improvements which you
may be making in the lamp & other details,
and that we shall be very glad to learn
whether you have succeeded in those of
which we have heard as having been lately
the subject of further experiment.

I am, my dear Sir,

Yours very faithfully

Thomas Watson

S. A. Edison Co
65 Fifth Avenue
New York

U. S.

(1883)

Parant Co -

Cut down your expenses as far as possible, Dispence with the services of all ^{or contract with} Electricians Engage a good Mechanical Engineer who has had practical Experience. A few Education send One having some Executive ability, not older than Olrick send him ~~to~~ to America, to learn the business practically, & scientifically he to be recalled only when needed, permit me to learn a man here to be sent hereafter to England Capable enough to determine the net work conductors of the general system as well as small installations. Salary say \$20 per month. These 2 men with what amount they can obtain in England 1 or 10 miles square.

Now arrange with Manufacture in England for America ^{in both} to manufacture for your license, so that should you sell a certain area & your license desire to establish a ² mile area, your Engineer can work out the whole thing.

from his data ~~the~~ ^{you have arranged with} ~~manufacturing~~ ^{can}
 bid for the whole work; ~~therefore the cost~~
~~and details can be known before hand to~~
~~you~~ ^{if desirable}

Baymann & Co will bid ^{against anyone} to deliver
 the whole of the regulating apparatus
 & devices at the Central Station,
 & every kind of supplies for wiring.

The Electric Tube Co will bid for
 the underground tubes for as square
 mile with all the services & lay
 the same & deliver the whole over for
 valuing order, (except digging & paving)

The Gorck St Works will bid for
 Dynamos & ~~Eng~~ steam Dynamos, set
 them in position & guarantee them

The Lamp Co will furnish of course
 the lamps;
 or the ~~Works~~ Co will learn an agent of any ^{company}
 you desire to make your tubes they & so will ^{get} ~~get~~
 if it is so desired.

any attempt to permit the licensee to do what they please will result in a ^{total} bankruptcy of the licensee & no profit to the parent Co. I don't believe in the policy of taking a large initial sum in money & making it small ^{take more shares}

You have 50000 involved in large Dynamos at Goswell st, we will buy and get rid of some of them -

You have a lot of Isolated Machinery we will buy and get rid of some of this but I think you better not ^{accept this offer} if it is at all possible to form an isolated Co;

You sell Lamps to any one who wants them = I don't believe in this, the policy is bad its a small fry business, it will hurt ^{the} reputation you will acquire in the future, if the Isolated policy is adopted, people judge by the lamps if the Engine is unsteady of the Dynamo but the criticism all falls on the Lamps.

(1883)

6

You have licensed the British Co
to use their lamps, ~~but~~ I dont
believe in this, in 5 or 6 years without
you get it back ^{in the mean time} you will be
immensely benefited,

I believe in having nothing to do
directly or indirectly (wherever such
a thing is possible) with any Electric
Light Co in England - To make no
trades alliances of any kind or
character, & to sustain the patents whenever
you have time, to do this leisurely & with
great previous preparation, ~~that is to say~~
~~that if~~ ^{the} ~~are~~ ^{are} ~~best~~ ^{best} ~~in~~ ⁱⁿ ~~one~~ ^{one} ~~point~~ ^{point}
to stop an infringer, never mind, when the
proper time comes by him or another
point - If we are proved infringers on
any point, I can probably take care of
that myself - We are getting new patents
these patents, are well drawn they will probab
stand the test, ~~it is~~ ^{it is} ~~future~~ ^{future} ~~patents~~ ^{patents} that will
secure the system that replaces gas with great
profit

(1883)

The patents I am now ⁷taking are more valuable
than those already taken.
Those already taken were to secure if possible
the success of the thing. Those I am
now taking are ~~those which would~~
~~some of them are already~~

Never stop an infringer who is
daily losing money by so infringing
give him rope plenty of rope, ~~and~~
~~and~~, (1883)

Appoint & pay some one here
connected with our Co to keep
you posted daily in every advance
Scientifically & Commercially,
to give you all the experience data
as they come up - to gather
information for you ~~at once~~

9

Conduct the business of selling light,
 exactly as the business of gas lighting
 is carried. Their system is admirable,
sell light, ^{or power} only, sell it on a meter
 never sell current, electrically, ^{pay the power} ^{with} ^{the}
 It has been stated that my estimate,
 already made shows ~~that~~ ^{we}
 cannot compete with gas, very
 well I will make a new estimate.
 The cheapening process has been
 going on since that estimate was
 made before you get legislative permission
 to open the streets it will be cheaper
~~at~~ still. This process of cheapening
 will continue to go on until there
 will not be a place England
 where gas is so cheap that the
 electric light cannot compete
 with it at a profit if it gets
^{1/2} the consumption,

(1883)

10

Flowing to peculiar conditions you
want something different or something
changed give me minutely every detail
The why & wherefore and I will ^{probably be able to} give you
what you want I have nursed ^{the} baby
so far & I believe I can continue to do
so without any extraordinary aid
especially from those who said the
baby would never be born & when
born would never live, & now that
it lives, wants to change the manner
of nursing. if I should fail in
any ^{of} attempts I will then be
truly to call in other inventors

(1883)
gas in London cost 7⁵/₈ cents
without sales residuals &
~~made~~ with rents etc.
with sales residuals & all other
sources income which are
26 cents the net cost is
52 cents, but if they made
~~divided~~ half their output,
they would cost 98 cents
hence to pay the same di-
vidend as before they
must sell at \$133.
but in addition to this
owing to extra leakage
there will be 150,000 lbs
to be paid for which will
further increase cost
bring to 101% - hence sell at 136.

(Edison)

If at any time during the currency of this agreement the said Edison shall transfer to a Company the ~~share~~ ^{manufacture} of said articles in ~~this country~~, or should he form a partnership for such purpose said Gouraud shall have the right to provide one half of the capital not personally provided by the said Edison, and to this end due notice shall be ^{given} to the said Gouraud of the said Edison's intention to form said Company or partnership with full particulars concerning the same. This provision applies not only to the original capital of said partnership, but to any subsequent increase in the same which the developments of the business may necessitate or make desirable. It is understood that the basis upon which any capital may be provided by the said G. shall be the most favorable upon which any ~~capital~~ capital is accepted for the purposes in question by the said Edison or the said Company.

Provided that the said Gouraud shall have the right to tender to the said Edison the said Edison's accept

1883. Electric Light - Foreign - United Kingdom -
Edison's Indian & Colonial Electric Light Company, Ltd. (D-83-039)

This folder contains correspondence and other documents relating to the business of Edison's Indian & Colonial Electric Light Company, Ltd., which marketed the Edison electric light system in Australasia, Ceylon, India, and South Africa. Much of the correspondence is by Samuel Flood Page, general manager of the company.

All the documents have been filmed.

DIPLÔME D'HONNEUR,
PARIS ÉLECTRIQUE EXPOSITION (1889),
GRAND PRIX D'HONNEUR,
POUR LA COMPLÈTE SÉRIE DE L'ÉLECTRICITÉ
INTERNATIONALE D'APPLICATIONS
COURTES PALAIS NATIONAL

1883-01-10

THOMAS A. EDISON, Eng^o.

No. 65, Fifth Avenue,
New York.

Dear Sir,

I have to acknowledge the receipt of
your letters of 20 Dec. 26 Dec. 27 Dec.

The question of financing I must leave for the
present, until I can bring the matter before my
Directors.

Your correspondence with Mr. A. Ballantine, Bombay,
has attracted my attention, and I will instruct our representative
in India to see Mr. Ballantine without delay.

Today I paid to Messrs. J. S. Morgan & Co., for your
account, £50 L. 1, being the sterling equivalent of
the balance of your invoice at 4.81½ exchange, viz.

Total Invoices.	\$4,132.25
Cash remittance £500 @ 4.81½	3,052.
	\$ 280.25

Exch^g @ 4.81½ to 50 L. 1

I find 611.3.8 added to the Bills of
Lading for charges, but no particulars are
given. I presume they are the charges of
Messrs. Hayward, Perry & Trumbull, in which
case please instruct them to send me
a detailed account.

Hoping soon to have this pleasure
again.

I remain, Dear Sir,

Yours faithfully

J. W. P. [Signature]

34
J. W. P. 1088
File in the
60

W. L. BROWN & CO.
Box 1088 P. O.

John H. Porter,
Governor's Lawyer,
Columbia Street,
City of Florida State,
San Francisco,
Wm. L. Porter.

P. O. Box 1835.

1883-01-24
Porter, Lewis, Loren & Howe

Attorneys & Counsellors at Law

No. 51 Market St. (Drexel Building)

New York, July 24, 1883

My dear Mr. Edison,

I would like to see
you for a few minutes at your
early convenience in reference to
the interest of my firm in the ^{Industries of} Colonial
Co.

As I understand from Loney, he
has waived his share of the 16 2/3 of the
cash, due to P. L. & S., leaving 8 1/3
coming to Porter Loren & myself.

The net cash to Drexel Morgan &
was £11,790.00, and 8 1/3 per cent of
that is due to Porter Loren & myself.

We shall be glad to receive an early
payment of our share.

Very truly
yours
Wm. L. Porter

Answered
1883
PAVILION OF HONOR,
EXHIBITION, 1883.
GOLD MEDAL
FOR A
PRACTICE SYSTEM OF ELECTRIC LIGHTING.
INTERNATIONAL EXHIBITION,
CENTRAL PALACE, 1883.

1883-01-27

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

486, Throgmorton Street,
London, E.C. 27, 27th Jan'y 1883.

10
1883

Mr. J. Edison, Esq.
15, 65, Fifth Avenue,
New York.

Dear Sir,
In my letter of the 16th Dec. 1882
I mentioned the maker of arc-light, and as
I notice in the drawings which accompany some
of your Patent the use of arc-light and
accumulators is provided for I shall be glad
to know whether this provision is made with a
view to use the arc-light and accumulators of
other inventors, or whether you contemplate supply-
ing the want which at present exists by invention
of your own.

We are placed in this position that whilst
we profess to uphold the "Edison System", & the
Edison System only, we are shut out wherever
an arc-light is wanted. The enquiry is made
very often, and in India and the Colonies a
large light seems to be absolutely necessary.

For large works, Railway Stations, docks,
and other open spaces groupings of the
incandescent light will not be ~~advised~~
entertained. A big light, such as the
Aerial is asked for, and unless you
purpose supplying the deficiency by some
arrangement of your own I should like
to be advised what you as an Electrician
to the Company would recommend us to
do in the matter.

We can of course enter into an arrange-
ment for the use of an arc light in conjunc-
tion with your system, but would prefer
not to do so without asking your
opinion.

I have been informed that it is likely
Mr. Johnson will shortly visit this country.
If he does we shall be pleased to
have an opportunity of talking this question
over with him.

I remain Dear Sir,

Yours faithfully
J. M. G.
Secy.

DIPLOMA OF HONOUR,
FIRST ELECTRIC EQUIPMENT EXHIBITION,
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1881.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

48 & 49, Theognoston Avenue,
London, 31st of January 1883.
E.C.

Thomas A. Edison, Esq.,
N. 65, Fifth Avenue,
New York.

Dear Sir,

The matter of big lights, about
which I wrote to you on the 16th Decr. 1882,
again on the 27th inst, has become so pressing
that I had to call you today
Director, leaving for Bombay if arc-light
required what do you advise.

One of our Directors leaves for Bombay
on the 2nd Febry., and one of the chief requirements
he will encounter will be the demand for a
big light. Your incandescent lamps are admirable
and satisfy everybody when used in-doo, but
we cannot satisfy people with incandescent
lamps alone, and if we cannot supply an
arc-light other companies will.

Owing to the position of many of the clubs,
houses etc. in India it is in some cases impossible
to bring the motive power near the dynamo, &

in such cases accumulators will be used.
This again, is a point we have to consider
in carrying out the programme of our
Company.

Competition with other Companies is
so excessively keen that we must be in
a position to secure whatever business falls
in our way; and we can only do this
by being in a position to do whatever
any of our numerous competitors will
undertake.

Yours sincerely,

[Signature]

[Signature]
J. H. H. H.

File

1818

5

7 1883-02-06

TELEPHONE NO 2500
WATERHOUSE & WATERBOTHAM,
Solicitors

NEW COURT
Waterhouse
CAREY STREET, London
LINCOLNS INN, W.C.

6th February 1883

Dear Sir,

Edison's Indian & Colonial boy

Since my letter to you of the 13th ultimo my firm has been in communication with the Solicitors of the above Company on the questions still to be arranged.

With regard to the notice to be given by you of any new patented invention, the Company will be satisfied with such information as Mr Stanford as your Patent Agent can give them. It is proposed that you shall write to Mr Stanford a letter authorizing him to communicate this information

from time to time as soon as the final Specifications are filed and to produce all drawings and Specifications. I enclose a letter in this sense addressed to Mr Stanford for your signature if this course meets with your approval as I think it will.

It is assumed by the Colonial Company that you will patent in this country everything which you consider of real value. As to any improvements which you may consider not patentable the Company will expect to hear from you direct.

As to the 2000 B Shares the Company has declined to allow you to transfer them to some other person friendly with yourself for the purpose of obtaining your voting power, alleging as a reason that after

passing one transfer it would be difficult for the Company to refuse to pass another and that you might thus be able to dispose of the 2000 Shares entirely. (See Clause 12 of the Agreement.) I hope by next Saturday to be able to write that I have settled the question in another mode.

I have been asked by the Company to supply them with a list of all the Electric Light Patents taken out by you in any Country whatsoever giving particulars of the Patents, date of grant, and date of expiration. This information is required for this reason that Patents in Victoria ^{cannot} (so the Company is advised) at the date of the first expiration of a Patent in any other Country for

the same invention. Will you kindly let me have this at your early convenience as I am much pressed for it. In sending it, I would kindly also let me know the amount of the expenses you have been put to, if any, in making out the list, so that, if considerable I may endeavour to obtain repayment by the Company.

I am, dear Sir,
Yours faithfully

W. D. W. A. F. B. S. E.

J. A. Addison Esq.
65 Fifth Avenue
New York U.S.A.

1883-02-09

John H. Payne,
Governor of License,
Callahan Farm,
Chatham County, Ga.,
Wm. L. Porter.

P.O. Box 1838.

Porter, Lowrey, Green & Howe,

Attorneys & Counsellors at Law,

No. 21 Broad St. (Drexel Building)

New York, N.Y. Feb 9 1883

Recd by B. J. Porter

My dear Sir,

I have just seen

✓
Mr. Edison about the Colonial
matter. He says it is all
right now that you can send
us the money when in funds.

Please let me know the
amount as you make it

Yours truly

*Very truly
Subscribed*

Mr. Smith.

1883-02-09

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

486, Throgmorton Avenue,

London, 9th Feb. 1883

10
1883
Edison
Lent
1004
DIPLOMA OF HONOUR,
PARIS, 1881 (EXHIBITION 1881).
GOLD MEDAL
FOR THE MOST PERFECT TYPE OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CHICAGO, 1893.

Mr. A. Edison, Esq.

New York.

Dear Sir,

On the 1st Feb. I received your
cablegram.

"Don't use ac light on 100 candle lamp
"far superior."

Knowing nothing whatever of your 100
candle lamp we were somewhat puzzled
what to do, and thought of cabling you
to send some over; but upon making enquiry
we found that W. White had brought some
of the lamps to his country when he
returned from New York last December.
After some trouble we obtained 2 of
the lamps, and we at once sent them
off to India, where we believe they
will be most welcome.

Our want of knowledge about the 100
candle lamp points to a defect in our
organization which I should be glad
to see remedied. We are not sufficiently
posted-up as to what you are doing in

America. As we are supposed to work
in the same lines as you do I think it
would be greatly to the advantage of
the Edison System if you would kindly
give us a confidential hint now and
then with reference to any particular
feature of the system upon which you may
be engaged. Of course, I do not
ask for information which might imperil the
validity of a Patent, or in any way disturb
your inventions, or the secrecy with which
they have to be carried on.

The 100 candle lamp is a case in
point. Where you have a lamp we
have not before heard of, and which
we ^{would} most certainly have sent out to
Australia & India long ago if we had
known of it.

It is also rumored that you are
preparing an accumulator, perhaps have one
ready at this moment.

There are questions we hope to discuss
with Mr. Johnson who is, we are informed, now
en route to this side.

I remain, Dear Sir,
Yours faithfully,
J. P. Seligman

and it may be that the thing is the wisest to pursue, and that waiting on our own till a reaction comes & confidence is restored in the market as a diamond market. In any case that period comes, moved in on the crest of the wave. But this new thing is so different from that laid down by Mr. (in his letter of 18th July) writing on behalf of you Mr. Fidler & myself. That it would be hard & I am sure my colleagues would be slow) to hear from you as to the instructions sent, & as to the expenses (taken on which they are grounded)?

1873-08-23



July 23rd/83
S. R. J. G. G. G. W.
London

Dear Mr. Edmond

It has been given to understand at our Board that your proxy & the representatives of Messrs. Fidler & myself in this country have been empowered by you to vote with a change forward in any question that may be brought before us at any meeting - the immediate object of such proxy being given, being to bring about a reduction of our capital by converting our shares from £25 - shares with £2.10.0 paid on them - into £2.10.0 fully paid shares.

This is a line of Policy which Col. Foxworth advocated since affecting some time since & which is I think approved by a majority of our Board, but from which I dissent personally. I am disposed to dissent, thinking that it will hamper us in any negotiations we may have to carry on to enable us to make a start in union with Iran. -

I do not know what your opinion may be about the idea of our facing the British in our territory hand in hand with Iran?

I was sorry for the receipt, this

I presume existed, to cause the union of "Edison" & Iran in this country - but that union having never been effected, it (as I explained to Mr. Ince) requires a movement on the same line in our territory: - Do you really think? - I should thought that when sending over such a paper as that referred to - our friend manager, myself, or our Board could have been written to on the subject. - Of course we must bow to the will of the shareholders in the matter

1883-02-24

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION (1881).
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING.
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1883.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

4 & 6, Throgmorton Avenue,
London, W., Feb 7, 1883.
E.C.

Thos. A. Edison, Esq.
65 Fifth Avenue,
New York.

Dear Sir,

- I have to acknowledge the receipt
of your letters from you, viz^d
- 25th Jan'y. with duplicate statement of Hayward
Lerry & Francis's charge, for which I am
obliged. The copy which is said to have been
sent with the R.R. cannot be found here.
- 3rd Feb'y. - Reference to cablegrams re ac-light.
- 8th Feb'y. - Questions as to accumulators &c.
- 10th Feb'y. - Suggestion as to cable address.

All these have my attention. I have also
had the pleasure of meeting Mr. Johnson, and
in a few days I hope to go into the whole
question of patents, big lights & accumulators with
him.

Yours and, Dear Sir,

Yours faithfully

J. W. Gray

1883-03-01

Telephone No. 346.

ALL LETTERS
TO BE ADDRESSED TO
THE SECRETARY.

The Edison Electric Light Company, Limited,

74, Cannon Street,

London, E.C.

1883

Mr. A. Edison Esq.

My Dear Edison.

This will introduce to your very
best consideration my very good
friend Cal W. DePier French. Who
is also interested with you
in E.L. matters as a Director
in the Indian & Colonial.
I want him to see everything
in New York pertaining to both
Isolated & Central Station Lighting
- but he will make his own
desires known. I only bespeak
for him a little extra supply
of your valuable time.

Yours Truly

Wm. H. Johnson

1883-03-08

EDISON'S INDIAN & COLONIAL ELECTRIC COMPANY, LIMITED.

~~2 Lombard Street~~
London E.C. 4th Mar. 1883.

Mrs. A. Edison Esq:
4: 65, Fifth Avenue
New York.

Dear Sir,

Probably before this reaches you
you will have seen Colonel, the Hon. W. Le Poer
Drench, one of our Directors, who called for
New York on the 3rd inst., by the "Catalonia".

Colonel Drench may have asked you
some questions with reference to prices of plants -
but in any case I shall feel obliged if
you will supplement your letter of 5th Oct. 1882
by informing me of the prices fixed for you
50 and 100 c.p. lamps.

I shall also be glad to receive - say
half a dozen copies of Messrs. Bergmann & Co's
latest Price list. The copy we have is
an old one, & not reliable.

We of course understand that the prices

for Dynamos quoted in your letter of 5th
Oct. 1892 are trade prices to us, and
that you would not supply ordinary
purchasers at the same rates. The
Isolated Lighting Co's prices do not show
us what your standard price for Dynamos
is, because the prices you quote include
lamps, sockets &c. It is desirable we
should know the separate charges for
each part of the Plant, our aim being
to receive for ourselves the difference between
what you call at to us, and what you
would call at to other people.

Our sub-companies in Australia &
elsewhere will buy their Plant from
us only so long as they find they
cannot do better by going to you for
supplies, & it is therefore necessary
we should have a clear understanding
upon this point.

Referring to the recent shipment for
load of the Isles &c. we had to pay

1883-03-08

Freight Shg ^{15.9.7} £ ~~15~~ 16.9, but there is nothing
 on the bill of lading to show how the
 money is arrived at, how much on the
 Dynamos, and how much on the Sundries &
 Lamp ~~5~~ etc you paid for the Dynamos
 and F.O.B. Port of London inclusive of
 packing, carting, freight & demurrage. There
 should be some return to us on the
 £13.9.7 and upon bank. Hayward, Perry
 & Co. charges £11.3.8.

Having no details I cannot divide
 the items, but ~~it~~ would appear that
 our proportion of the two amounts £24.13.3
 must be very small. Please inform
 me how much I must pass to you
 debit in etc.

Remain, Dear Sir,

Yours faithfully

J. P. M. J.
 Secy.

201
 1883-03-08
 Hayward, Perry & Co.

1883-03-14

John H. Porter,
Governor of New York,
City Hall,
New York.

Porter, Lawrence, Loren & Menden

Attorneys & Counsellors at Law

No. 3 Broadway (Next Building)

New York, March 14/1883

My dear Sir,

Without wishing to
presume on your good nature any
further, I would still be very
much obliged if you could
arrange matters so that we
might be paid the small
balance on the Colonial before
this month's end.

Please let me know if this
can be done.

Yours truly,
Wm. H. Inoué

Wm. H. Inoué

1883-03-21

Command Steamer
Catalina

March 21st
1883

Dear Mr. Duell

I was sorry to miss you this
afternoon. -

Regarding the suggestion, that
to enable us to give confidence to our
shareholders, the vendors should
forego for two or three years their
cumulative dividend on the \$1
shares allotted as part payment
I spoke to a member of the Navy

This morning - in the absence
of Mr. Debbin - Mrs. J. J. J. J. J.
always takes Wednesday away
from the office. -

I hope the hypothesis will
conclude itself favorably. -
an argument in favour of
it is this. - an apparent
sacrifice of 3 years ^{interest} on the whole
will in reality only be an
eventual sacrifice of 1 1/2 years
because. (and it has only just

downed upon me) the amount
then money comes to be earned
& divided would go to swell
the balance for Division (after
payment of 6% to A shares)
between A & B. - B would
therefore get half of it. -

I wish it was not necessary
to think of such things, but
certain cases require certain
remedies. I fear ours comes
under that category. -

I have not seen Mr. J. J. J. J. J.
today, I am sorry to say. -

33

Mar 21st

Belton me

Libby French

as sincerely

Libby French

P.S.

Thanks for a parcel
which I find Mr. Winton has
left here for me.

Y

1883-03-21

Steamer Catalonia

March 20/83

Dear Mr. Ingham,

I did not find four
notes & parcels when I
looked for a note in harbour

Thanks about the shares
then at Dixiel Morgan's
this morning the subject
of variations of stocks was
mentioned, which made me
inquire if any were to be had
and I think I have secured
some at some other about 1/2

the price you named. - 20
I need not trouble you about
them - but thank you all
the same. -

I think, later on, I ought
(in the interest of the India &
Colonial) to buy myself a few
Shares in the Isolated Co: so
as to secure the Reports, but
I can write to you later on about
it. - I think I must be satisfied
now, with having joined a direct

interest in the Parent Company

By the way, I wonder if
you have sent me the copy
of the Isolated Company's Balance
Sheet which you so kindly
promised. - I am sure it would
be of great use in both India
& Australia. -

I congratulate myself and I
hope I may congratulate our
Company on our having established
personal relations with you all
in New York. - The only thing

that went against my grain,
was having to suggest the vendors
having to forego their rights even
in a very small degree - but
circumstances justify the suggestion.

With renewed thanks for your
kindness in giving me such facilities
& for the photographs you sent
I remain for my truly

J. W. Burroughs

A. B.

I will write occasionally to
keep Mr. Edison informed of our
doings & prospects etc.

1883-03-31

TELEPHONE NO 2550.

1, NEW COURT.

WATERHOUSE, WINTERSHAM & HARRISON.
Solicitors.

CAREY STREET,

LINCOLNS INN, W.C.

31st March 1883

Dear Sir,

Edison, Indian and
Colonial Company

We heard this morning that the 5000 £ shares had been allotted, 2500 to yourself and 2500 to Messrs. Patten & Knight. In accordance with your instructions we at once forwarded to Mr. Parnman the necessary transfer for his execution but found that he has had no instructions from you & therefore he could not execute. Perhaps you will be good enough to forward

to him instructions by the next Mail you have not already done so.

We are, Dear Sir,

Yours faithfully,

Waterhouse Wintershaw & Harrison

T. G. Edison Esq
65 Fifth Avenue
New York

W.S.H.

1883-03-31

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION, 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1883.

Améd. Javelle

1883-04-10
EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,

LIMITED.

45 & 47, The Grosvenor Rooms,
London, E.C. 4, April 1883.

Mrs. A. Edison Esq.
No. 65, Fifth Avenue,
New York.

Dear Sir,

I learn from Colonel French that some improvements have been lately made in the Dynamo whereby the "out-put" of electricity is doubled, without materially increasing the cost of the Dynamo. Such an improvement will, I presume, alter the capacity of the Dynamos, and the list we now have of
E 15 lights, Z 60 lights, I 150 lights, X 250 lights, C 1700 lights
will be altered.

If such is the case please furnish us with the amended sheet of Dynamos, showing their capacity for lighting, or "out-put", with prices, and other necessary details.

We should also like to know whether the improvement can be applied to any of the Z Dynamos which we may happen to have in

Stock.

We have just received a cable enquiry from Australia for "Edison Electric Tubing", but having no quotations from you for the samples you were kind enough to forward, we are obliged to go to the English Edison Co., who will, as usual, ask us higher prices than we ought to pay.

Their best quotations are (British)

1	1/2	2	2 1/2	2 3/4	3	4	5	6	7
2 1/2	3 1/6	3 1/6	4/6	4/6	4/9	3/3	2/9	2/2	1/10

per foot.

Please let us have your quotations for Tubing, i.e. the price you charge to ordinary customers, and the price you would charge to us, f.o.b. Liverpool.

We should also like to have quotations for the new 3 wire-tubing if you are prepared to supply it.

I remain, Dear Sir,

Yours faithfully,

J. D. [Signature]
Secy.

1883-04-10

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION, 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
GENTRAL PALACE, 1881.

Ans'd June 1st 1883
EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

486, Finsbury Avenue.

London, 10th April, 1883.

Thomas A. Edison, Esq.
No. 65, Fifth Avenue,
New York.

Dear Sir,

I have today received your letter of the 29th March, and am much obliged for your suggestions about "Inside Wiring".

Now that you have seen Colonel French, and an understanding has been arrived at as to our interests and yours being identical, I am glad of an opportunity of comparing notes with you as to prices. To put the matter clearly before you I will send you a set of samples, giving you the exact cost to us. The cost of shipping from America to Australia, as compared with the cost of shipping from England cannot be an item of considerable amount, so that prices here and prices in New York should be a fair comparison.

On a separate sheet I send you the average

Specification of wire cable to which we send on
for one 2 Dynamos. Our practice is to
ship two 2 Dynamos, duplicating the specⁿ.
of wire. The quantity may be too much
or too little, and has been fixed by one
of our Electricians as a fair average supply,
suitable for an ordinary installation of 60
Lamps. It would also be interesting
to know whether the specification is
one you would approve to send to a place
as a venture, and where you have no details
whereby to form a closer and more effective
specification.

Remain, Dear Sir,

Yours faithfully
P. H. P.
Secretary.

I may remark that at first we sent out
a less quantity of insulated wire, and only one
cable 64:103, but we came to the conclusion
that it was too heavy, & that a couple
of lighter cables would be better suited
for the 2 Dynamos.

⁷
April 18, 1883

Page

re his coming to
N. Y. on business
relative the Austral
rain Co.

1883-05-25 RECEIVED
MAY 25 1883
ANSWERED
UNION CLUB
SYDNEY. *May 15/83*
FILE No.....

Australia.

18th April 1883.

My dear Sir

I purpose leaving New Zealand on 22nd May for San Francisco: and to meet you in New York to discuss several matters of vital importance to the success of my Company, that is, to your success in Australia.

I have laid the foundation

THOMAS EDISON
NEW YORK

for good business; permanent & increasing, I really believe, in Victoria, New South Wales & Queensland. If you will now do what you can to help our (your) Company for these parts, we shall make a great success in the future I doubt not.

I have done all in my power to make your name & your system known in Australia.

Famously to make your personal acquaintance before long, & very much regretting Mr Tolson's absence from New York

I am,

Dear Sir

Yours truly

P. Floodgate

General Manager

Edison's Indian Historical Co.

T. A. Edison Jr.

P.S. I give to-day a letter introducing Lord Walter Lennox, the son of the Duke of Richmond to you: he wants to see your electric works.

[FROM W. LE POER TRENCH]

1113-04-02
26

3. *From Parkes and
Sydney
London via
April 20th 1883*

Dear Dr. Wilson

on my suggestion we
are today forwarding to you
a copy of a despatch which
has been sent to us from the
Agent General of South Australia
along with the plans of the
Institute therein alluded to.

You are aware that we
are not in a position to do
this work ourselves just now.
It would cost us a great deal

more (not having a working staff) than your company & we should not do it as well. -

The question which suggested itself to my mind was whether it might not be done by you, on terms such as to pay - whether we received a small percentage or not. -

If once up & efficiently started it would be a model installation which could serve to inspire confidence in the system. - It may be a question whether it is large enough to even be worth

taking trouble about. -

The proposal which our Secretary has instructions to communicate to you is: something to this effect: -
1. To ask you to consider the question. - I estimate for the cost of the installation complete wiring, lamps, chandeliers.

Lead dynamos & -

Sir Arthur Relyea tells me that there is ample ground rejoining the building for the location of engine, dynamos & -

He knows nothing more than you see in the despatch.

Australia

Except this: that I told the
Agent that our company would
not tender to erect & work the
installation leaving the question
of purchase optional. - That
the lines on which I thought we
should entertain the question
would be either: 1. The complete
fitting of the hole at a figure -
& ^{or working it for six months}
the name of Wilson being suf-
ficient guarantee for its efficiency
& 2. leaving an efficient man to
look it and instruct them
for say six months!

Copy of Mr. Poppin's letter to the Hon. Secy for T. A. Edison

(Copy) *W. H. P. Peabody*
Sydney 20th April 1883

1883-04-20

S. Japa Esq.
My dear Sir,

I have contracted with the Queensland Government for a good order: this will, I hope, be the commencement of a good business with them - it will act as a good advertisement for the Colony, and on the other Colonies - There is a good chance of a somewhat similar order for New South Wales - The Colonial Secretary & Premier saw me on the subject 18 hours ago: it will be decided immediately the Session is over -

Please be sure that the order is sent as complete as possible, but I may not be able to include the fittings in this letter, if not that order will follow

- Three 250 light Weymans 32.00
- 500 " 16 candle lamps 2.50
- 100 sockets, 154 Porcelain shades
- 200 tin shades, 400 shade holders

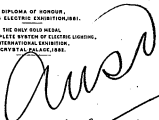
Sufficient wire for 600 lamps
Sufficient safety plugs, cleats & for 600 lamps,
I will send description of fittings & etc. by next mail
please let everything be thought of, & complete
Also send Edison street tubing complete of not less than 200 lamp capacity 500 yards, if this succeeds I have no doubt about the work extending.

1883-04-21.

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION, 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1883.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

486, The Quadrant, Avenue,
London, 21st April, 1883.
E.C.


Thomas A. Edison Esq.
65, Fifth Avenue,
New York.


Dear Sir,

On the 13th inst I cabled you, —
"Quote of Edison's X Dynamos 1000 feet distant"
and on the 17th received your reply, —
"1000 feet like Bases joints compound [sic]
"1200 dollars loss on Conductors 13 per cent."

The enquiry came from Australia, & upon
receipt of your quotation we at once cabled
the reply. Whether it will lead to
business or not we cannot at present say.

I am obliged for your letter of the 3rd April
enclosing letter & Circular from Messrs. P. W.
Henry & Co. of Calcutta. They are people of
very little consequence, and not likely to be
of service to us. They advertise in the Indian
newspapers "The Edison System as perfected by Swan".

I remain, Dear Sir,

Yours faithfully,

J. P. Dewar.

42 Southhampton Buildings,
London W.C. 21 1883
T. Edison Esq
65 Fifth Avenue
New York U.S.A.

above Company I shall
be obliged if you will
execute the various documents
in accordance with the
pencil indications & return
same to me at your
very earliest convenience.

Dear Sir,
Edison's Indian &
Colonial Company
I have duly received
the papers for Colonial patents
executed by you for which I
am obliged -
I now send papers for
three Indian patents for the

I am Dear Sir
Yours faithfully
J.P. Healdford

1883-04-21

1883-05-02

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION, 1883.
THE HIGHEST MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING.
INTERNATIONAL EXHIBITION,
SERVEY PALACE, 1883.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY.

3, 27, Southwark Street,
London, E.C. 2. May 1883.

*get up the
price list
ask them the
price
Use the
latest*

*350 K not the
latest = we have
10 on hand*

Thomas A. Edison, Esq.
65, Fifth Avenue,
New York.

Dear Sir,
We have received a telegram from our
General Manager, Major S. Flood Page, in the following
words, - "Order 3 to Dynamos complete -
Queensland."

This message is so what vague, inasmuch as
the word "complete" may mean Dynamos only,
or Dynamos & Mains etc. Therefore we cannot give
any order until we receive further particulars
from Australia. These particulars are no doubt
on the way by letter. In the meanwhile we
have thought it best to report the enquiry to
you, so that when the time comes for giving out
the order there may be no delay in executing
it. I presume that the 3 Dynamos is one you
could ship at very short notice, if we cable you
instructions to deliver.

Prices.

I am waiting anxiously to receive a full schedule of Prices from you, not only for Dynamos; Armatures &c., but for wire, and every individual article required in the Edison system. We have no reliable information, and are placed in the uncomfortable position of not knowing what prices to ask for the Plant we are desirous to supply.

We ought to have two lists, or one list with two columns: showing the prices to be paid by us - Cash for. New York - and the prices to be quoted to engineers and the public generally. I assume that the Isolated Company, the English Edison Co., and all other Companies under your name, will work together as far as prices to outsiders are concerned. There should, and I presume there will, be a uniform selling-price standard common to all of us.

However, this is a matter of detail. At present we have no prices, either as buyers or sellers, which we can make use of as a fixed standard, and I trust you will soon supply us with the desired information.

1883-05-02.

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1882.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

45 B. Throgmorton Avenue.

London, E.C. 188

When Major J. Flood Page reaches New York he will discuss these points with you, but as it may be some two months before he arrives I shall be glad to hear from you with as little delay as possible.

I remain, Dear Sir,

Yours faithfully

J. Page

Gordon *These dynamos are built on the wrong principle*

W. Johnson reports improvement in your latest pieces placed in lamps. In giving us your latest prices please say whether the quotations are for Plant such as you have supplied hitherto, or for the improved patterns.

I presume you will have seen W. J. E. Gordon's letter in the London Times of 2nd May, wherein he proposes to light the town of Nottingham with the electricity produced by Dynamos of 15000 Lamp (Candle) capacity at at cost of a little over the equivalent of 7/6 per 1000 feet of Gas!

TELEPHONE NO 2550.

WATERHOUSE, WRIGHT & HARRISON,
Solicitors.

1, NEW COURT,

CAREY STREET,

LINCOLNS INN, W.C.

5th May 1903

Dear Sir,

Edison's Indian & Colonial Coy

Referring to our letter of the
31st Oct 1902 addressed to Mr. E. H.

Johnson may we ask you when we are
likely to receive the remainder of the Indian
Patents. We have at present here only 6
and there are still 22 to receive.

We take the opportunity of
reporting that the transfers of 2500 A Shares
in your name to Mr. Permar & yourself
and of 2500 A Shares in the names of
Messrs. Gabbri & Wright to Messrs Permar
& Gabbri & Wright have been forwarded to
the Company for Registration. The issue

1883-05-05

and allotment of the B Shares remains
over until the Assignments of the
Patents, which are now being proceeded
with.

We are, Dear Sir,

Yours faithfully,

Waterhouse Wright & Harrison

J. A. Edison Esq

65 Fifth Avenue

New York

U.S.A.

[ATTACHMENT]

Dear Duwell

On May 25th Dr. you turned over
to me's Fabin & Chauncey all
the Indian certificates then
in your possession with the
exception of the one on Railroad
There were ~~17~~ of them nos 3
to 31 except no. 14. There are
eleven (11) more of these certificates
somewhere at Semell's office, in
your safe or abroad. ^{please} R. D. Dyer

We have secured the good will -

I do not know whether you can help us about Adelaide. - It is a small matter but might be the pioneer!

Hard Page has made a start at Queensland (Brisbane) but exactly what we do not know though the brevity of telegraphs.

If it is to pay us, and not monopolize one little available cash we will push with it. -

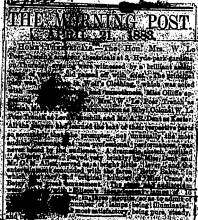
Thanks for your good opinion conveyed to Johnson. He has been very busy & I have seen but little

of him. - Not being a holder in the Syndicate or English Co. - I have nothing to do with their meetings. -

I hope there may be a good result from his labours. -

I used some lights at my private theatrics - most successfully - the first time I think they have been applied in a private house in the County. -

Talking about its application to private house I think, it



would be most useful if a still
smaller lamp was manufactured
of high resistance - say of 6 or 8
candle. - I do not know whether
I am suggesting an impossibility;
but from my own little ~~little~~
experiences, I am sure that when
I get up my house - I will find
the 10 candle & the 16 candle too
powerful for many places. & if
one can put the lamps in, direct,
& not in series - as would be necessary
with the existing B lamps - if used
with A. - it would be a great convenience.

1883-05-12

RECEIVED
MAY 23 1883
ANSWERED



FILE NO. 188

Walden price
of the book
to be paid

to be paid to the author
of the book
to be paid to the author
to be paid to the author

- the inclosure of the book
and the price of the book
estimated for publication in India
I am sure Mr. Marshall (though his
time is much occupied) will send
this rather information as to
for our countrymen than he can...

He has had strong approaches
made to us by the association (Vogel)

1883-05-12

Co. which stood so much in our way
in Australia - but which has not
succeeded itself. - It only succeeded
in preventing our floating a good
Company - They acknowledge the
strength of our position (they are
not perhaps aware of our weakness
in the bank's loss of funds at our
back!) and yet knowing that they
have succeeded in nearly neutralizing
our action - would wish for union
or amalgamation - Mathematics
between Bourgeois & Radicals :- would be
a curious union & it will not
be long at all - They ~~are~~ keep
a smiling face: they have I believe

spent their money. - But they
have pushed me on their Board
I said that if they liked to buy our
shares for one penny more than they
might for cash: But indeed
did not command itself. -

= a desideratum here - for
shares. depreciation is a dangerous
or an interesting medium. But
will produce - great quantity
at a minimum of shares. better
from -

Kind regards to all dear
in haste I am only for
(over) W. L. G. POER TRENCH
Arthur Duncanson

I hope you have seen but
Damon the chairman of the
~~Investigation into the~~
Circuit Court. The highest
Co: has not descended in
setting them yet. Swan has
been introduced there. —

His brother was Tom Mitchell
of the light

47

Conf. Thomas
May 19/83
76

John A. Taylor,
Judge of the Supreme
Court of the State,
New York.

P. O. No. 1238.

1883-05-29
Porter, Lowrey, Loren & Stone,
Attorneys & Counsellors at Law,
No. 2 Broad St. (DREXEL BUILDING)

New York, May 29, 1883

My dear Mr. Insull,

Let me call
your attention again to the Colonial
balance, which weighs on our minds
but not other-ways.

Yours kindest regards, as you

are,

Very truly

Francis Stone

1883-06-02

DIPLOMA OF HONOUR.
PARIS ELECTRIC EXHIBITION 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING.
INTERNATIONAL EXHIBITION.
CRYSTAL PALACE, 1883.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

Gravel Cor

answered

486, The Grosvenor, Vienna.
London, 2nd June 1883

Mrs. A. Edison, Esq.
No. 65, Fifth Avenue,
New York.

Dear Sir,

I duly received your letter of the 7th May with reference to prices new Dynamo's. It will be a great advantage to us to have full information at the earliest possible moment, especially as the efforts of Major J. Flood Page in Australasia are now beginning to bear fruit in the shape of enquiries for specifications and prices. It would, in fact, be better to give us full details of the Plant you are now prepared to supply, and the prices, rather than wait for the new and improved forms. People ask us to quote terms, and we ought to be in a position to answer them.

In view of the improvements you are making, I presume you will lower the scale of prices for the present stock of Dynamo's?

1883-06-06

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1883.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

5 & 6, The Quadrant, Avenue,
London, 6th June, 1883.

Thomas A. Edison Esq.
No. 65, Fifth Avenue,
New York.

Dear Sir,

My last was dated 2nd June,
and I have now to acknowledge receipt
of your favours of May 19th, 21st, 24th and 25th
to which I beg leave to reply.

May 19 - Inquiry from Messrs. J. Gunders & Co.

This letter I return to New York, addressed
to Major S. Flood Page, in case that he may go
into the matter with you. As he is returning
from Australia with a full knowledge of what can
be done there I think this is the best course
for us to pursue.

May 21 Adelaide Institute.

We shall be glad if you will also reopen
this matter with Major S. Flood Page when he arrives
in New York, showing him the Plans and despatch
forwarded to you in our letter of the 20th April.

T

1883-06-06

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION, 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1883.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

485, Theognoston Avenue,
London, E.C. 4, June, 1883.

I may add in connection with this enquiry that we should like to receive an estimate of cost to us, as suggested in our letter. We have not yet communicated with Mr. Bachelors, but presume we can hardly expect him to give us your prices.

May 26. Cable address.

Not yet fixed: will report when it is.

May 25 - Major J. Hood Page's movements.

Much obliged for the information.

Installation for Brisbane.

I wrote to you on the 2nd May, quoting a cable order from Major J. Hood Page for 3 K Dynamos, but have not heard from you on the subject. The order is a highly important one, and deserves your best attention. I enclose a copy of what Major J. Hood Page has written to us about the order. I am writing to Major J. Hood Page by today's mail, and he will be prepared to carry through the negotiations with you personally.

1883-06-06

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING.
INTERNATIONAL EXHIBITION,
CRISTAL PALACE 1883.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

486, Throgmorton Avenue,
London, E.C. 6th June 1883

my Directors having come to the conclusion
that it will be the best way of securing
full and careful consideration for the apparently
highly important business.

I remain, Dear Sir,

Yours faithfully

J. A. Edison Esq.

1883-06-07

T. J. HANDFORD.

112. Southampton Buildings,
London June 7 1883
W.C.

J. A. Edison Esq
65 Fifth Avenue
New York U.S.A.

Dear Sir,

Edisons Indian &
Colonial Company

I sent you on the
28th April papers for three
Indian patents for the above
Company with a request that
you would be good enough to
execute them in accordance
with the pencil indications &
return them to me - I trust

that you have duly received
these documents & that they
are now on their way back to
me.

I this day send you per
registered commercial papers post
documents for another Indian
patent which I shall be
obliged if you will execute in
a similar manner & return to
me at your very earliest
convenience.

I am Dear Sir
Yours faithfully

T. J. Handford

1883-06-07

Form No. 1.

1882-06-27

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the cause is not prevented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. HICKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
2432	L.H.	L.H.	
Received at 834 BROADWAY.		14 Pd	

Dated

To

June 27 1882

Syracuse N.Y.

No 65-546

Major Floyd Page

Arrive Windsor hotel tomorrow please
 send my letter there want
 Ask you important business

This telegram has just been received at the office in 791 BROADWAY, near Fourth Street, where any reply ought to come.

DIPLOMA WIRE.

59

June 27/83

Major Flood

tel. arrive Windsor

Hotel tomorrow

& request letter

sent this

1883-07-05

THE WINDSOR HOTEL
FIFTH AVENUE, NEW YORK
HAWK & WETHERS

5 July 1883

My dear Sir

I had a pleasant visit to the Central Station on Tuesday & Mr. Chick was most kind in showing me all round. I had some conversation with Major G. & I have resolved to write to see Mr. Johnson. As I shall not go till 10th, by Leira, to which ship my passage has been transferred from America. I shall go to Boston tomorrow. Hope to be back Dec 1st on Tuesday. I shall be very glad if your book is ready by that time as I feel that I shall care very much to leave you for, even when I have all your forms. Thanking Mr. Johnson, & you, for your kindness & looking to avail myself still more of it. I am
Yours truly
J. Flood Page

T. J. HANDFORD.

12, Southampton Buildings,
London, July 11th 1883
W.C.

J. A. Edison Esq
65 Fifth Avenue
New York
U. S. A.

Dear Sir)

Edison's Indiarubber
& Colonial Co^{ys}

I have received back
the papers executed by you
for 4 Indiarubber patents for the
above company for which I am
obliged yours faithfully
T. J. Handford

7.
July 11th 1883

T. J. Handford
ack receipt of papers

1883-07-11

to Mr. Feltus

1883-07-12

22, Old Broad Street,
London, E.C. 19. July 1883

J. A. Edison Esq.
65 Fifth Avenue
New York

Edison's Indian Glacial Co.

Dear Sir

I am in receipt of your favor of the 26th ult^o, and in reply I beg to say that, in April last I executed the Transfer for 2500 shares in the above company, and which were placed in the joint names of yourself & myself.

In May last I signed a declaration that I had no beneficial interest in the said shares - all this was done at the request of your solicitors, Mess^{rs} Waterhouse, Kimber & Co. & Harrison, and with the approval of Mr. J. Pierpont Morgan - Will you kindly send me a letter to hold me harmless and indemnified from all calls or liability in respect to these shares.

I am, Dear Sir
Yours very truly
Thos. Ferman

1883-07-17

John H. Taylor,
Governor of Lower
California State,
San Francisco,
Calif.
P. O. Box 1836.

Porter, Lowrey, Loren & Stone

Attorneys & Counselors at Law

105 Broadway (DREXEL BUILDING)

New York, July 17th 1883

My dear Edmund
I have seen of
you agree to have the Indian
& Colonial shares transferred
to your firm & to Hood-
Page jointly so that the
major can vote at the
next meeting - will see

You a very

I agree to
jointly
G. H. L.

This is not necessary
It was not done in my
Case in England
However if it is held to
be important for good
reasons - make it so that
Page cannot vote without
the consent of the other

mean

RMJ

July 17/83

S. P. Conway

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

1883-07-17

NEW YORK July 17th 1883

Prof. A. Edison Esq
65 Fifth Avenue
City

Dear Sir

Please ship to address given
below the following for account of Edison's
Indian and Colonial Electric Co

200 N. W. G. B. Sockets	no 1 @ 48	4 Bles	96.00 ✓
200 Key " "	" 2 "	92 48	" 184.00 ✓
154 Indian Shades	" 195 "	4.00 150	" 51.34 ✓
200 Fan Shades	" 193 "	.28 48	" 56.00 ✓
400 G. B. Holders	" 200 "	.32 48	" 128.00 ✓
2 Pressure Indicators	" 259 "	64. 50	48 129.00 ✓
8-25 Lk switches	" 212 "	4.00 48	" 32.00 ✓
68-6 " "	" 210 "	2.60 48	" 176.80 ✓
24 Vertical Main cutouts	" 960 "	1.10 48	" 26.40 ✓
120 cutouts (60 verticals ⁶⁰ 66 ⁶⁰ ⁶³ ^{72.00} Branch)			WR + 138.00 ✓

1017.54 ✓

25% 254.38 ✓

\$ 763.16 ✓

2 H. Machines P.O. B	4LK Om Wke	3100.00 ✓
500-16 C.P. Lamps	4L Sles x	250.00 ✓
7 Lbs Solder	4LK X B Hles	1.00 ✓
7 " Tape	4K + Blue P led	2.50 ✓
One Bank C.S. Regulator	For 2 H (2 Reg) P led	110.00 ✓
Assorted K wire	AW Bles	320.00

\$ 4526.66

Carried Forward

THOMAS A. EDISON,
NO. 65 FIFTH AVENUE.

(2).

1883-07-17

NEW YORK _____ 188

Forwarded 4526.66
500 yards (1500) of Electric Tubing including
boxes joints and compound to carry sixteen
candle lights as follows - * ^{Elect Co}
at 15% loss * 3 Tube. ^{at} 1992.00
\$6518.66

Yours truly,

J. Flood Page
General Manager
Edison's Indian & Colonial Dept

Addressed to
Messrs A. Shau & Co
Brisbane
Queensland - Australia -
per Messrs Palabochy & Co -

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

1883-08-01

NEW YORK,

1st Aug 83.

Messrs Duress Morgan & Co
Broad Wall St

Dear Sirs

Will you please let me
know by beaver what territory
Edison's Indian & Colonial Electric
Co have the right to do business
in.

I have not got a copy of the
Agreement with them, & which I presume
contains the information I require
your assistance

Thos. Edison

T

"Australia, South Africa,
India and Ceylon"

D.M.C.
C

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION 1889.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CHARENTON-LE-PONT, 1889.

1885-08-07
EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

4 & 6, Throgmorton Avenue,
London, E.C. 4th August 1889.

S. Insull J.
My dear Sir

I regret to say that I have not received any of the many papers which you had almost completed before I left New York. It is as I told you I feared it would be, that I am without your price list, mode of canvassing &c. &c. I am communicating with all our Agents in Australia this week, but I am not able to give them any price list. I shall be much obliged if you will have the goodness to send me all the papers or me talked over, & work of which were nearly ready when I left. I thank you & the Edison & your staff generally for much kindness & am glad to get another kindness by sending me all I ask by next mail, unless indeed you have despatched them.

With kind regards to the Edison, where as far as possible I am proud of having made, I am, dear Sir,

Yours faithfully
S. Floodgates
General Manager

1883-08-13

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE 1883.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

25, Abchurch Lane,
London, E.C. 4.

London, 13 August 1883.

S. Insull J.

My dear Sir

Please to send me, as soon as you can, a few scale drawings showing plan, side and end elevations of the new "H" dynamo-machine, stating also particulars of the diameter and width of pulleys and speed reported on these machines. This information is required for the Queensland Govt. I am very sorry that I came away without price list, & all the many papers which you had, almost, ready for me. It was my fault, & I am a good deal inconvenienced for want of them. However I hope that before you get this that you will have sent them. Electric Light affairs do not look very flourishing in England: but there is no doubt that very many people in England are really in favour of the Swan & his lamp. With kind regards to Mr Edison, Mr Johnson & yourself

I am, yours truly

L. S. Lord Duff
General Manager

1883-09-17

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION, 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1881.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

486, Throgmorton Avenue,
London, W. 14th Sept. 1883.
E.C.

Mrs. W. Edison
65 Fifth Avenue
New York

Dear Sir,

I beg to acknowledge the receipt of your letter of 1st inst. with reference to the method of payment by this Company for plant. I will write to you again on this subject very shortly. As we have paid you a count in full there is not any immediate hurry about it. I thought that the suggested payment by 60 or 90 day bills was to have commenced with the payment for the Queensland plant. But as we are well in funds it has not been any inconvenience to us

I am, dear Sir,

Yours truly

L. Flood Page
General Manager

1883-09-19

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION, 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1881.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

486 Throgmorton Avenue,
London, E.C. 19 Sept. 1883.

Thomas A. Edison Esq.

My dear Sir

Your letter of 7th inst. correctly states the conversation which took place between you, Mr. Orrell & myself with reference to the payment by this Company to you for plant - The only thing that had escaped my recollection was that you desired payment of the Queensland order at once. I hope that you have not been inconvenienced by the short delay which took place in payment - I will write to you later on about the three months bills.

I am,

Yours truly

P. Edward Sage
General Manager.

RECEIVED
OCT 23 1882
ANSWERED

T. J. HANFORD.

8
Southampton Buildings,
London, W.C.

London, Oct 11 1882

FILE NO.

J. A. Edison Esq
65 Fifth Avenue
New York U.S.A.

Dear Sir)

Edison Indian &
Colonial Electric Co

Referring to my letter
of 9th Inst I now beg to send
(per Commercial papers post
registered) a further series of
papers which require your
signature for the obtainment
of Colonial patents for the

above Company viz:-

6 sets of papers (5 for
India & 1 for Ceylon) each
set consisting of the following

- petition
- Declaration annexed to ^{petition} ~~petition~~
- Another declaration
- Specⁿ annexed to latter
- Power of attorney

Kindly have them executed in
accordance with the directions
indicated in packet & return them
to me at your earliest convenience
& oblige

Dear Sir
Yours truly

T. J. Hanford

1882-10-11

RECEIVED

OCT 23 1882
ANSWERED

8
Hansford
Southampton Buildings

T. J. HANSFORD

London Oct 12 1882
W.C.

FILE NO.

J. A. Edison Esq
65 Fifth Avenue
New York
U.S.A.

Dear Sir)

Edison's Indian &
Colonial Electric Co

Referring to my letter
of yesterday's date, I now send
you (per Commercial papers
just registered) papers for
execution for South Australia

my

Declaration - to be made before
a commr, J.P. or
Notary

Petition - to be signed & made an
exhibit of & certified by
functionary who takes
declaration.

Specification - to be signed and
attested as marked &
made an exhibit of &
certified by functionary
who takes declaration

Drawings - to be signed & attested
as marked.

You will oblige by executing
these & returning them to me at
your earliest convenience.

I am Dear Sir
Yours faithfully
T. J. Hansford

1882-10-12

1883-11-07

DIPLOMA OF HONOUR,
PARIS ELECTRIC EXHIBITION, 1881.
THE ONLY GOLD MEDAL
FOR A COMPLETE SYSTEM OF ELECTRIC LIGHTING,
INTERNATIONAL EXHIBITION,
CRYSTAL PALACE, 1883.

EDISON'S
INDIAN AND COLONIAL
ELECTRIC COMPANY,
LIMITED.

486, Throgmorton Avenue,
London, E.C. 4th November 1883.

These inquiries I
come so often
think we should
get full info

P. Insull Jr.
My dear Sir

I have not yet received any answer to my letter of
12th August asking for for scale drawings showing plan, side
and end elevations of the new "H" dynamo machines,
stating particulars of the diameter & width of pulleys and
speed required on these machines. The work has been seriously
delayed from the want of this information which is required for
the Queensland Govt.

Please also send me complete price list of all your
machines, lamps, sockets, switches, cut-outs, plugs &c.
I am

Yours truly

P. Edward Sage
General Manager.

1883-11-28

November 28th, 1883

Major Flood Esq, General Manager,

Edison's Indian & Colonial Electric Co.

4 & 6 Throgmorton Avenue,

London, E. C. England.

Dear Sir:-

We have a letter from Messrs. Buxel, Moran & Co. asking for further documents, which we have handed to them for transmission to London.

We cabled you yesterday as follows:-

"Tubo Company supplied material absolute price contract. You should recit immediately comply our understanding. Extremely surprised your delay. Will mail details."

The Tubo Company's material was bought by us on an absolute contract, and they are not in the habit of supplying us with details of the cost, and it has been our rule to accept their bills right along, where an absolute figure had been given on a certain amount of work. They accommodated us, however, by giving us a detailed bill, which, as above stated, has been sent forward.

We cannot consider this, however, a sufficient justifi-

1853 11-28

2

Excuse us for your withholding your remittance. We bought this material for you, paid for it and shipped it without any profit whatever to ourselves, and solely as a courtesy to you, and hence our request for an immediate remittance.

My Private Secretary, Mr Insull, will be in London about the 30th. December, and will call upon you; and any information you may desire as to our business he will be able to give you.

Very truly yours,

1883-12-04

TELEPHONE NO 2580.

WATERHOUSE, WINTERBOTHAM & HARRISON,
Solicitors.

NEW COURT
CAREY STREET,
LINCOLNS INN, W.C.

Have signed it
Agst Meads
Dear Sir,
Notary of
Edison's Indian & Colonial
Electric Company

Dec. 4th 1883.

There seems now a prospect of our being able shortly to get the Patents formally assigned to this Company which the B Shares will have to be allotted to you.

The Company have asked us to obtain your execution to the Power of Attorney, which will reach you by book post, which includes all Patents & Applications

for Patents in all the countries in which your interests have been assigned. The deed revokes all former Powers of Attorney, which have not been acted upon, and appoints the three Members of our firm your joint and several Attorneys to execute the Assignments of the Patents in your name. You will please be good enough to have the document notarially attested. We will ask you to return it to us at your earliest convenience so that the matter may be proceeded with and completed.

Mr Ince will bring the document to you when it reaches you. However, we will send Mr. Waterhouse's letter mentioning

the Indian Patents. We hope
he has been able to trace them
and to take steps for having
them sent to us.

We are, dear Sir,
Yours faithfully,

Watkinson Winton Harris

J. H. Edison Esq
65 Fifth Avenue
New York
U.S.A.

amies

Colonial Exp.

Dear Sir

Having been appointed negotiators agents for the
Colonial Indian and Colonial Electric Coy. Limited
in that capacity we shall be glad to be furnished
from time to time with such information as you
consider is advisable in the interest of your inventions
and patents we should know it might also be well for
us to represent here the best known system of Electric
Storage, we are pleased to be able to report that an
installation of your system of lighting took place
in the Government Printing Office about 4 weeks ago
and was most successful and was much admired
The Electric Bell Telephone is being used in new
offices in the Government Printing Office
and in the new office of the
Government Printing Office

1883. Electric Light - Thomas A. Edison Construction Department - General (D-83-040)

This is the first of twenty-four folders relating to the organization, management, and operation of the Thomas A. Edison Construction Department. Edison founded this company in 1883 for the purpose of constructing direct-current electric power stations in towns and cities throughout the United States. This was the only electric light company that Edison managed directly. It operated for approximately one year. Most of the documents in these folders deal with the organization of local companies in New England, Pennsylvania, and other parts of the Northeast, Southeast, and Midwest.

Included in this folder are documents containing substantial references to more than one central station or regional company or to more than one division of the Construction Department (for example, the canvassing and engineering divisions). Also included are documents that discuss the general business of the company. Much of the correspondence is by Samuel Insull, Edison's private secretary, who was appointed attorney for central station business. Among the other correspondents are P. B. Shaw, Spencer Borden, and William F. Brewster, who served as agents for the Edison Company for Isolated Lighting and the Edison Electric Light Company.

Several other folders deal with the activities of the various functional divisions of the Construction Department. Bookkeeping records were managed by Edison's office staff at 65 Fifth Avenue, New York City and can be found in "Thomas A. Edison Construction Department - Accounts." Documents relating to the activities of the canvassing department, which was responsible for canvassing and mapping prospective central station districts, can be found in "Thomas A. Edison Construction Department - Canvassing." Documents pertaining to the engineering department, which was responsible for the technical installation of the central stations, can be found in "Thomas A. Edison Construction Department - Engineering." The remaining folders deal with the activities of individual central stations and local companies. They are organized alphabetically by state and city. Documents from the various divisions of the Construction Department that relate to one specific station can be found in the folder for that station.

Related correspondence can be found in D-83-016 (Edison, T.A. - Outgoing Correspondence), D-83-025 (Electric Light - Edison Company for Isolated Lighting), and Letterbooks LM014 - LM021 (Letterbook Series). Documents pertaining to the activities of the Thomas A. Edison Construction Department can also be found in the Accounts Series and in the Company Records Series.

Approximately 90 percent of the documents in this folder have been filmed. The following categories of documents have not been filmed: routine correspondence regarding orders; copies of an Edison electric light system circular; duplicate copies of selected documents.

1883-02-19

P. O. BOX 1184.

Providence Telephone Co.

(LICENSED BY THE AMERICAN BELL TELEPHONE CO.)

PAID RECEIPT

HENRY HOWARD, Pres't.
H. C. CRANSTON, Vice-Pres't.
CHARLES T. HOWARD, Sup't. and Treas.
J. W. DEXBURY, Sup't.

ROOMS 24 AND 27 BUTLER EXCHANGE,

Providence, R. I., FEBRUARY 19TH, 1883

T. EDISON, ESQ.

DEAR SIR:—

MY FRIEND A. J. DULL, ESQ., OF HARRISBURG, HAS BEEN FOR SOME TIME LOOKING INTO THE MATTER OF THE ELECTRIC LIGHT, WITH A VIEW OF INTRODUCING IT IN HARRISBURG. HE NOW HAS A COMPANY WELL ORGANIZED, AND IS PREPARED TO DECIDE UPON SOMETHING DEFINITELY. I HAVE TOLD HIM THAT ONE THING WAS SURE, TO WIT: THAT HE WOULD BE PERFECTLY SAFE IN NOT CONTACTING WITH ANY OTHER THAN THE EDISON PEOPLE. THIS LETTER WILL SERVE TO INTRODUCE HIM TO YOU;

VERY TRULY YOURS,

Henry Howard



Edison Electric Light Company

1883-06-14
Box 3311, Boston, Mass.

AND
Edison Company for Isolated Lighting.

W. B.
Hughes Borden, Manager
New England Department,
Herald Building.

Boston, Apr. 14 1883,

Sam^l Insull, Esq.,

Dear Sir:

I am in rec^t. of the maps
of ^{the} Shamohad and Procton this morning but
the type-written copy of Estimates has not
yet come to hand.

Will you kindly send them at
your early convenience and oblige me!

Yours very truly
A. L. Donnelly, Jr.

1883. 04. 16

New York, April 16th 1883

Thos A. Edison Esq
65 Fifth Ave

Dear Sir

Relative to the Evansville
Estimate I can see you on return
from Hartford on 20th.

Think if you will obtain the letters
& Mem^{os} which accompanied the
Craws's books, you will get such
points as are required

It would be well to make both a
Maximum Est of the whole 57 Bldgs (less
such Streets as show they must pay) & also
the Est. for say a \$20,000.00 plant. - their
first idea. If you will see "Resolutions" they
ask Est. both for Overhead & underground
Conductors.

By the Electrician of the
Evansville Co. (about the matter
in its report on 12/15/82) they
is 57 - see Mem^{os} 4/16/83

Respectfully
W. F. Crocker

Form No. 1.

188(3)-04-17

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to be the sender of the following message. Errors can be avoided only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

TIMOS. T. KICKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
278	Co. of 10 P.D.		327

Received at 791 BROADWAY. April 17 1889.

Dated Boston Mass 17

To T. A. Edison

40 Fifth Ave

Send all these estimates
that overhead conductors Jenkins
shall come

W. L. Green

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

1883-04-24

Mr. Maudslayi.

Dear General.

Was in to see
you yesterday but could
not find you at 17th St or
The Albert. Saw Mr. Edison
and he proceeded to have
estimates got out for village
plants of different sizes
from 1000 to 4000 inhabitants
for the use of my brother
in Ohio.

And also to see that
territory was reserved for
him.

I wish you would
see to this and especially
about reserving territory.
Think that part lying near
Holds would suit him
best. Let me know if any-
thing turns up and oblige
your friend
Charles T. Hughes

1883-05-06

Form No. 1.

THE WESTERN UNION TELEGRAPH 'JMP'

This Company TRANSMITS and DELIVERS messages only on certifies liability, which have been accepted to by the sender of the full amount of the estimated message only by receiving a message card by sending station for acceptance, and the company will not be held liable for service of delivery of telegraphed messages, for or at the expense of the sender, nor in any case where the claim is not presented in writing within sixty days after sending the message. W. H. B. P. BROADWAY and in conference or request of the sender, under the conditions stated above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
147	ph rapid		453

Received at 882 BROADWAY may 6 1883

Dated Boston 6

To Same Insuree Edison Electric
65 5 Ave

Why dont you send the estimates
for central stations
Borden.

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.



1883-05-06

Box 3311, Boston, Mass.

Edison Electric Light Company

AND

Edison Company for Isolated Lighting.

General Manager
New England Department.
Second Building.

Boston, May 6, 1883.

T. A. Edison, Esq.

Dear Sir:

When in New York yesterday I spoke to My Uncle about a Corrugated Iron building for the Brighton Station. He thought it would cost as much as brick. I enclose herewith letter from my friend Mr. A. F. Randall, to whom I wrote a note of inquiry about a very large Cotton Storehouse he owns in Fall River, made of same material.

This building is $\frac{1}{2}$ larger than the proposed station, the front is two stories, and the entire structure much higher than you need, and you will notice the price is about half your estimate for brick.

I have no suggestion to make in regard to the matter, other than that it might be well to communicate with the parties he mentioned. You might be able in view of the fact that perhaps a dozen such buildings will be needed as stations in different parts of the Country this



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-05-06
Box 3311, Boston, Mass.

Spencer Borden, Manager
New England Department.
Herald Building.

Boston 2 1883

25
C
D
B
I fear, to get a price from him which should be very low, the building to be made and loaded with cars in New York, ready to be sent anywhere and put together in short order.
It seems to me a visit from the party to your office, where he could see your plans, might result in a mutually satisfactory arrangement.

Yours very truly
Spencer Borden, Manager.
New England Dept.

1883-05-07

THOMAS A. EDISON,
No. 65 FIFTH AVENUE,

NEW YORK, May 7th, 1883

Answer

Marshal Lohfer's Sons
Cliff street, City.

Gentlemen:-

I should be glad if your representative can make it convenient to call on me at an early day with reference to corrugated iron for buildings.

During the Summer Mr. Edison expects to erect a great number of buildings for his electric light stations in various towns, and we would like to use corrugated iron in this work if we can make satisfactory terms for same.

Very truly yours,

Samuel Insull
Private Secretary

1457.29
Bony Boral Co
Chicago Exchange
1883



Edison Electric Light Company

AND

Edison Company for Isolated Lighting.

1883-05-06
Box 3311, Boston, Mass.

Swencer Hudson, Manager
New England Department,
Wald Building.

Boston, May 7th, 1883.

Samuel Insull, Esq.

Dear Sir:

Your favor of 7th May at hand, also that of 6th May mentioning Inding estimate. In regard to the latter I beg to say that the detailed running expenses seem not to have been sent with the other papers relating to Brockton. Nor were there in the parcel figures that Shensi was going to make showing cost of fuel for 1600 lights alone. I also asked for all the Shamokin papers, of which I have none, also the Lawrence estimates. We must have all the information we can get to meet proper we must go among, they will not be satisfied to see an estimate of profits without seeing how the estimates are made. We are pushing this business in various directions, and must have all the information possible on the subject. As Dudley will go to Fall River now permanently, I think I will let him come to New York, and explain to you all the difficulties he encounters.



Edison Electric Light Company

1883-05-06
Box 3311, Boston, Mass.

AND

Edison Company for Isolated Lighting.

Spencer Holden, Manager
New England Department.
Herald Building.

Boston, 3. 188

12
I also received your personal relating to Mr Kellogg's
Competition for the Van Ness station. I have
put the letter in hands of Alderman Flegen, who
claims to be a friend of Mr Edison and desires
to serve him in any way possible, and when
he gets at the bottom of the business I will
write you.

Yours very truly
Spencer Holden.

Form No. 1.

1883-05-08

THE WESTERN UNION TELEGRAPH COMPANY.

This Company **WARRANTS** and **WILLY OBEY** messenger on conditions limiting its liability, which have been accepted by the sender of the following message. It is not to be changed except only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or failure of communicating messages, beyond the amount of money paid thereon, nor in any case where the claimant has not presented in writing within sixty days after sending the message. This is an **UNEXPECTED MESSAGE** and is delivered by request of the sender, under the conditions stated above.

TOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	RECEIVED BY	CHECK
218	By 14 feet	135
852 BROADWAY.		
Received at	May 8 1882.	

Dated, Boston Mass.

To, L.A. Edison

65 fifth ave

What is speed and dia.

of Pulley on new three

hundred fifty Light Dynamo

Gordon

This telegram has just been received at the office in 701 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

D. J. MACKAY.



43/883-05-10

SAINT GEORGE HOTEL,

Proprietors
MACKAY & HUSTON, Proprietors.
May 10, 88

Passenger and Baggage Elevators.

Evansville, Ind., May 10th 1888

Charles A. Edison Esq
65 Fifth Ave. New York

My dear Sir

Your O/S of last night
only rec'd & noted. Regret the delay
& trust the Estimates will be pushed
forward quickly as possible. As I
D.K. their patience & enthusiasm
is being excited waiting?

Our delay causes all sorts
of rumors, including one that we
have sold out to the Brush
to him, who have become
very strong, obtained valuable
contracts from the City. The
dominant party has been well
served by the company.

Please also rush through
the St Louis Estimate; this is

E. P. HORTON.

D. J. MACKAY.



1883-05-10

SAINT GEORGE HOTEL,

Proprietors
MACKAY & HUSTON, Proprietors.

Passenger and Baggage Elevators.

Evansville, Ind., 1888

important as Col. Geo. C. Dighton
soon goes to Europe & he is one of our
wealthiest friends & richest capitalists.

I send some Evansville papers
containing a free Ad. It made
me say, I saw certain experiments
in Chicago; this is an error.

One Geo. Weston Mgr of Brush Co in
Englewood Valley said he had seen
the experiment in line of breaking
a lighted Edison Lamp in a Key
of Shavings saturated with Oil.

It won't hurt us or the Public, but
I don't want the Home Office to
think I am given to lying.

Hereafter I shall write my own
interviews, especially where the
interviewer is not a stenographer
With respect Very Truly Yours
W. F. Brewster

Form No. 44.

NIGHT MESSAGE

THE WESTERN UNION TELEGRAPH COMPANY.

1883-05-15

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be pointed against only by reporting a message back to the sending station for correction, and the company will not be held liable for errors or delays in transmission or delivery of Unrepeated Night Messages, sent at reduced rates, beyond a sum equal to ten times the amount paid for transmission, in any case where the claim is not presented in writing at least three days after sending the message. Beyond a sum equal to ten times the amount paid for transmission, in any case where this is an UNREPEATED NIGHT MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NUMBER <i>Blank</i>	SENT BY <i>Dr</i>	RECV BY <i>H. C. Collected</i>	CHECK <i>NOV 16 1883</i>
Received at the WESTERN UNION BUILDING, 196 Broadway, New York,			RECEIVED MAY 16 1883 ANSWERED

Called Evansville Ind 15
To. Thos A Edison 65 fifth ave N.Y.
 Principle stockholders live above cherry cant
 you name price per lamp overhead
 & underground fifteen blocks between
 Cherry and Baylic I can count dots
 Question will be asked price overhead also

Form No. 44.

NIGHT MESSAGE

THE WESTERN UNION TELEGRAPH COMPANY.

1883-05-15

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be pointed against only by reporting a message back to the sending station for correction, and the company will not be held liable for errors or delays in transmission or delivery of Unrepeated Night Messages, sent at reduced rates, beyond a sum equal to ten times the amount paid for transmission, in any case where the claim is not presented in writing at least three days after sending the message. Beyond a sum equal to ten times the amount paid for transmission, in any case where this is an UNREPEATED NIGHT MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NUMBER <i>Blank</i>	SENT BY <i>Dr</i>	RECV BY <i>H. C.</i>	CHECK <i>MAY 16 1883</i>
Received at the WESTERN UNION BUILDING, 196 Broadway, New York,			RECEIVED MAY 16 1883 ANSWERED

*Called**To.*

price sixteen candle system as gas
good business big meeting tomorrow
evening
Wm F Brewster



1983-05-15
 Edison Electric Light Company
 AND

Box 3311, Boston, Mass.

RECEIVED
 MAY 16 1883
 ANSWERED

Edison Company for Isolated Lighting.

Spencer Hayden, Manager
 New England Department,
 Beata Building

Boston, May 13, 1883
 FILE NO.133...

M. W.
 Thomas A. Edison, Esq.

Dear Sir:

Your favor 13th May. at hand, and I have mentioned its purport to Mr. Stedney. He says he gave Mr. Garrison the item not as information that he had and knew to be accurate, but as having been mentioned to him by whom he knows not, and at same time expressing his doubt of its accuracy. When Stedney came on Monday asked him about it, and he told him he thought the figure was about \$35.00. Doubtless now tell me Mr. Garrison thinks it will be no more than \$35.00 @ \$4.00.

Mr. Garrison feels very much encouraged about his Proxton business. The board of Aldermen last evening voted to allow him to lay his conductors in the streets.

What is the condition of the Lowell and what of the Fall River Campaign. These should be pushed with all speed, so as to get these Companies on their feet.



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-05-15
Box 331, Boston, Mass.

RECEIVED
MAY 16 1883
ANSWERED

Spencer Norden, Manager
New England Department,
Herald Building.

Boston, 2 FILE No. 188

P.S. Will you ask Mr. Sewell to kindly send Mr. Newland
plans of village plant stations at Amherst and Brocton at
his earliest convenience? I need them for reference
J.S.

My inquiry about dynamo machine lacked definiteness
because there seems to be some misunderstanding in
the matter of their setting. I referred to what I
have heard called the New K, but Mr. Dean told
you, at the machine works it would be called FL,
and Mr. Linn said I must be mistaken, as Mr
Andrews told him the FL was to run 450 lights.

The Park theatre here want two of these machines,
that is they have 700 or 800 lights, which will never
be all lighted together, and 2 machine to run 350
each will fill the bill. I wanted the speed and
pulley size so as to know just how to calculate
for them. Why is not the "suit" (Engine, dynamo
and 1 boiler) of your Brocton and Shamokin
stations just what I want to put in here? If
so, what shall I charge for it?

Yours very truly
Spencer Norden.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to be the order of the following message. Errors in the delivery of messages are not made without fault on the part of the sender, and the Company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the fault is on the part of the receiver. This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named for the same. *117 P.M.*
THOS. T. ECKERT, General Manager. *WINWIN GREEN, President.*

NUMBER *482* SENT BY *Wa. Co.* RECD BY *23 Rud Mu* CHECK _____
852 BROADWAY.
Received at **791 BROADWAY.** *May 15. 1888*

Dated, *Boston Mass 15*
To, *L. Steungers, Care of F Harrington*
65 Fifth Ave

Bring with you tracing taken from Brockton or Shamokin plant showing one section including engine and two dynamos for use at Park Theatre
Roden.

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

Form No. 11.

NIGHT MESSAGE.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to be the order of the following message. Errors in the delivery of messages are not made without fault on the part of the sender, and the Company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Night Messages, beyond the amount of tolls paid thereon, nor in any case where the fault is on the part of the receiver. This is an UNREPEATED NIGHT MESSAGE, and is delivered by request of the sender, under the conditions named for the same. *1883-05-18*
THOS. T. ECKERT, General Manager. *100-2-P* WINWIN GREEN, President.

NUMBER *387* SENT BY *W. Co.* RECD BY *23 pars* CHECK _____
Received at **THE WESTERN UNION BUILDING, 196 Broadway, New York,** *May 18 1888*

Dated *Williamsport Pa 18*
To, *Thos A Edison*
65 Fifth Ave City

Give the superintendents letter to C B glory City notes
Sunbury Swiss have glory meet him there, push the
Shamokin matter
P B Shaw

1883-05-18

The Edison Electric Light System.

THOMAS SWAN, MD.

CANADA LIFE CHAMBERS,

HAMILTON, ONT.

15th May 1883.

I do not use metallic circuits
 or aurora never
 with metallic circuits as far as the light
 is concerned our circuit is of iron
 and steel
 I went up to Sarma on Wednesday

Evening to see Mr Fleming about the pro-
 posed lighting of that town. He has got
 the impression that the underground system
 is the only one that can safely be adapted,
 fearing that it would be impossible to use
 overhead wires on account of the danger of
 lightning passing along them and entering
 the houses. I told him that, so far as I
 was aware, there was very little danger of its
 doing so, and that it would be impossible in
 Sarma to put a plant in on the underground
 system which would pay, on account of the
 scattered position of the houses where the
 light would be taken, there being no more
 than 300 houses in the whole place which
 would do so. He said, however, he did
 not believe the Sarma people would adopt
 the overhead system unless the wires were
 well insulated throughout, and he particu-
 larly desired me to write to you and obtain

1883-05-18

your opinion as to the apprehended danger.
Please let me have this at your
earliest convenience, and at some length, so
that I may be able to reply intelligently to simi-
lar objections from other quarters.

Very respectfully yours,

A. J. Lawson

J. A. Edison Esq.
65 Fifth Avenue
New York

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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THOS. T. HICKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
260	C	sg 10 Colost	212

852 BROADWAY, N.Y. May 22 1888

Dated, Williamsport Pa 22
To, S. S. Inull

65 fifth ave
Mail Letter to me at
Danville Penna today only
C. B. Shaw

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

Form No. 1.

1883-05-23

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. It does not be guaranteed against any loss or damage to the sending station for compensation, and the company will not hold itself liable for errors or delays in transmission or delivery of messages, beyond the amount of value paid therefor, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions named above.

THOS. T. HICKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
199	AW	Repaid	

Received at 852 BROADWAY, N.Y. May 23 1888

Dated, Danville Pa 23

To, Saml Inull, 65 Fifth Ave.
Have not recd your letter
if its an important matter! Rec it here before three
o'clock I go to Cincinnati
Amarras Everything seems right in Danville
C. B. Shaw

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

1883-05-23

MONTOUR HOUSE,

OPPOSITE COURT HOUSE.

JAS. E. REEHL, Propr.

CENTRAL HOTEL,
HARRISBURG, PA.
J. S. HENSL, PROPRIETOR.
A. B. CHAPMAN,
MANAGER.

Hannville, Pa., May 29th 1883

Samuel Insull
N.Y. City.

Dear Sir,
I am just starting
for train. My
Cincinnati Address
will be 54 West Front St.
Care A Street

Very Truly yours
O. B. Shain

50

1883-05-23

1883-05-23

Councilville Ind May 23/83
The Edison Esq
New York

RECEIVED
MAY 23 1883
ANSWERED

Dear Sir

May 23 1883
FILE NO. 183-3

Just rec'd your letter
concerning Block 134 St Louis.

I immediately wrote to Pierre
Chastan Esq Equitable Building
St Louis, to have his (Board of Opera
House) gas Man Molony to
Canvas it. Mr Molony
did the work for me before.

As I was on point of going
to Louisville, I told to my station
my destination & also that
I would go to St Louis, if you
so desired my personal
attention there. Rather than
to have a fizzle, need
not feel at all responsible
as they had all the present
members when I came here.

We had a bad lot here, with no
influence. Those having money
had no brains & those having
brains had no money nor
especially high standing. Some
had neither the one nor the other.

They passed an important
Resolution in Secret meeting
ignoring me & blaming your in-
complete Estimates because they
could not secure subscribers.

Such was the public had no con-
fidence in the Board & in five
days during they only got
\$750.00 subscribed. They told me
they had 27000.00 secured. I believe
since learned it is only 20000.00
or less. I trust other better

parties will take the matter
up. I certainly should waste
no more time or money on Estimates
unless they bought a lot (cash)
Some money paid expense of
Estimates - Respy W. A. Goulet

⁴³
May 23, 1889
W. F. Brewster

re the carcass
of block 132 st.
Louis

Dr. Schmidt,
Linnite and
diamondy parts
on the feet
None of them
Remond etc

B

1883-05-24

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

RECEIVED
MAY 25 1883
ANSWERED

OFFICE OF STATE MANAGER.

FILE No.

E. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA.

May 24 1883

Samuel Ensell

45-5th Ave. Dear Sir

will you please send to Mr S. -

Bright & Great Danville Company
the ground plan of the electric
light station to be erected there.
Give them all detail possible

and oblige yours very truly
E. B. Shaw

P.S. I have completed arrangements
with the Notary public. to protect
your Draft - on me for \$5.00. and
to divide with me the protest fee
by this arrangement - I will make
net \$1.15. Hope you will draw quickly
as I am in great need of this dis-
count again yours E. B. Shaw

Western Electric Company,

New York.

1883-05-25

May 25 1883.

Amel Small, Esq.

New York.

RECEIVED
MAY 28 1883
ANSWERED

May 26 1883
FILE NO.....

Dear Sir,

Will you kindly inform me what towns you make to companies in small towns, in competition with gas. Take a town of ten thousand inhabitants for instance, how much capital would a company require to fit up a central station and a fair number of lamps? What must the company give for the franchise?

Western Electric Company,

New York.

1883-05-25

What terms are made with the organizers of the company? etc.

Can you favor me with full particulars? and oblige

Yours truly

Chas. A. Brown.

Actual Cost about 3500
our Co take 1/4 of whatever
the Co is capitalized at
of this 1/4 - 1/5 is Cash the bal
Stock agent gets ~~1/5~~ 15
percent of what our Co gets
in Cash & stock + of all future
income for 5 years

1883-05-26

Will see what we
can arrange with you
for inside work -

RECEIVED
MAY 28 1883
ANSWERED
May 22 1883
FILE NO.

Williamsport - Pa.
May 26th - 82

Prof. G. O. Edison

Dear Sir,

I send you some facts gathered
at Watertown which will enable you to
make a more definite estimate on that
plant. The Co. there desire a fireproof

building, even at a little more cost, and are
very anxious to see the work commenced.

In conversation with our Springfield
I learned he was making some calculations on
the inside wiring. Now if I should want
to take hold of this work for Embury and

and if successful, other towns, would you
give me the benefit of your low prices
on wire, cutouts, and attachments needed?
and give me a chance to work along with the
business. I have had as much experience in
wiring as any one, having wired for Mr. Griggs
six months before going on the road for the A.S. Co.
last Oct; and anxious to get along some way.
and I think there is some thing in this branch
Hoping you will give this a favorable
consideration and let me know the result
soon

I remain

Yours Respectfully
W. P. Shaw

enclosed find you
will at Stratonsburg

W. P. Shaw

May 26 1893

1883-05-26

RECEIVED
MAY 23 1883
ANSWEREDMAY 23 1883
FILE NO.copy
send to Rich

Watson town

1/2	Camlock building timber	\$1.8 per cu.
1/2	Class White Pine timber	30. " "
	Good Barn boards, (planed)	18.
	Stone first-class, (delivered)	1.25 per bush
	Brick (measured in the walls)	
	Brick hand made, (delivered)	6. per bu.
	Doors pine 1 1/4" x 2-6" x 6-6"	\$1.50 "
	" " " " x 2-8" x 6-8"	\$1.65 "
labor	{ Carpenter	\$2.50 per day
	{ mason	3.50 " "
	{ Common	1.25 " "
	Board	\$5.00 + \$2.00 per bu.
	Coal per ton	\$2.00 per ton.
	Streets full of trees and Common carriage	

-was-

1883-06-01 206-16

The Edison Electric Illuminating
Company of New York,
15 Fifth Avenue,

2:5 P.M. June 1st 1883

Address of New York, June 1st 1883

Glynnville Md.

- No 10 - Mill already lighted
- " 11 - 2 Story brick stable 32' x 42'
- " 12 - 2 " " Carriage house 25' x 38'
- " 13 - 3 Story dwelling 44' x 34' with 2 Story brick back Bldg. 38' x 22 1/2'
- " 14 - 3 Story stone double dwelling 33' x 33' with 1 " Stone " back Bldg. 16' x 18'
- " 15 - 2 Story brick stable 32' x 32' + 17' x 20'
- " 16 - 2 " " " 32' x 32 1/2' " " " 16' x 22'
- " 17 - 2 " " " 28' " " " 12' x 19'
- " 18 " " " 31' x 28' " " " "
- " 19 - 2 1/2 " " " 33' x 32'
- " 20 - " " " " " 16' x 19'

" 21-22-23 Same as No. 20.

Church 55 ✓	26	23
Supt House 40	46	40
No 14 ✓	✓ 10x2	230
" 15 ✓	✓ 10x2	295
" 16 ✓	✓ 10x2	
" 17 ✓	✓ 10x2	
" 18 ✓	✓ 10x2	
" 19 ✓	✓ 10x2	
" 20 ✓	✓ 10x2	
" 21 ✓	✓ 10x2	
" 22 ✓	✓ 10x2	
" 23 ✓	✓ 10x2	
A New Exp ✓	✓ 10x2	
No 24 ✓	✓ 5x2 = 10	
" 25 ✓	✓ 5x2 = 10	
" 26 ✓	✓ 3x5 = 15	
New Block (2) ✓	7x4 = 28	
" " " 2 nd floor ✓	5x4 = 20	
" 34 Over River ✓	8x20 = 160	
Theatre 57 base		44
Store ✓	29 ✓	15
No 30 ✓	34 ✓ 12x2 = 24	
" 32 + 31 ✓	✓ 8x4 = 32	
		358
		643

Parsonage 11	
Rear Office 7x2 = 14	
Side " 7 = 7	
	32
	✓ 295
432	348
	358
	32
	655
	✓ 20 1/2 27
	60 Semide
	78 5
	13 Extra for Theatre
	788
	6

300
263
63

Handwritten

Supt House	40
Parsonage	11
Rear Office	14
Side	7
Theatre	44

New York, 188

No	Sty	Stor	Back	Sty	Stor	Back	Sty	Stor	Back
24-2				24	24				10' 26'
25-	"	"	"	"	"	"	"	"	"
26-	"	5	"	88'	18'				
27-3	"	Back	Stor	33'	33'	"	Back	"	16x21
28-3	"	Stor	School House	16'	38'				
29-3	"	Back	Stor with hall over it	30'	60'				
30-	"	"	Stor	40'	33'	27'	Sty	Stor	18x24
31+32	"	"	"	33 1/2'	32 1/2'	"	"	"	14 1/2 x 21 1/2
33-2 1/2	Stor	Stor	Stor Dwelling	40'	16'	with 1 Story Stor			
			back Bldg.	40'	45'				
34-2 1/2	Sty	Stor	"	32'	30'	11 1/2'	Sty	Stor	12x26
35-2	"	"	"	"	"	"	"	"	"
35 to 43 inclusive	"	"	"	"	"	"	"	"	"
44 & 45	not to be lighted.								



Edison Electric Light Company

AND

Edison Company for Isolated Lighting.

1883-06-05
Box 331, Boston, Mass.

Spencer Borden, Manager
New England Department.
Herald Building.

Thomas A. Edison, Esq.

Dear Sir:

Boston, June 5th, 1883.

RECEIVED
JUN 3 1883
ANSWERED

FILE NO. 188

A question comes up in Haverhill, which is of much importance, and Messrs Sanders and Frankel think it vital. There are a number of shoe factories in the district, little shops, hiring power for a few sewing machines each, and for other light machinery. This power is conveyed by tremendous long lines of shafting, several hundred feet under all the buildings on one side of a street from building to building. This power can be cut out if your motor business is in shape to take this, and they want to know if your motors for single machines, or a single room are in such condition that they can be put on the circuit, so as to give business to the station all day. There is a lot of this business in Haverhill, more than almost any city we can go into. Can you have motors ready by the time the station starts?

Edison Company for Isolated Lighting.

Springer Baden, Manager
New England Department.
Herald Building.

Boston, 2, 1883

our concern to get a careful acct of machines where from
sirs, and those that need warming.

Yours very truly
Springer Baden, Mgr.

Will these motors be owned by the Company or
sold to the user? I should suppose they would
be owned by the Company, since they are ap-
paratus that will earn the money.

The second question also requires careful con-
sideration. On the McKay sewing machines, and
other tools used in these shoe factories are little
lamps to keep the irons of the tools warm. An
excessive heat, such as for soldering, is not
required, merely the temperature necessary to
keep the wax soft. These lamps are so danger-
ous that insurance Companies demand enormous
rates for these shoe factories, the lamps being in
every instance the cause of the fires. Now, they
want to know if the electric current can be
made to warm these tools. Both these gentlemen
say that if besides the light the stations can
be made to run motors and warm shoe ma-
chinery Navesbide will prove the re plus ultra
of cities for the Edison system. I shall write

Don't make any more
canvases (10) start with new ones

I have a trained canvasser
who makes perfect canvases
in 2 days by a new
franchisee

No trouble about the heating
was big concern it to perfection
we have water now 1st size

run to my merchants
probable run 2 Leather Sew
branch ~~the~~ The Cost
probably between \$35-40 each
Co rents them at \$1.00 per
month & charge for current in
with the 2nd size 3/4 up
ready in 6 weeks Edison

9

Room 5

Trust Carbon

1000
AUG 6 1882
ANSWERED

Prof. J. H. Edison

FILE NO. 133

Sir, Yours del. Ac

shall be in Bridgport Thursday
& endeavor to see Mr. Sawlitt. We
learn that the Steam & Electric have
chartered on that town is in hands of
a few gentlemen (about 6) who have
complied with the law by organizing
a Co. The Credit of which is Mr.
Aval (and old acquaintance & friend of
ours) who says Mr. D. might
probably assent on getting some
stock taken, but would expect to
be well paid for it. You know
our percentage is so small that
we have no sugar to give away. You
and Major Eaton spoke about allowing
5 or 10 per cent extra where it was necessary.
This case would apply, would it not? &
what is the 5 or 10 per cent extra? is it 20
or 25 per cent instead of 10 per cent? what
do you get from local Co's? what?
We say on our invitation to meeting
that you are expected to be present, and
hope it will be feasible for you to take
a run out here. The change will be your
good. You can leave there at 11 1/2 then
get back 6 A.M. next morning if you
please. There will be no better opportunity
for entering unless for all of England
you have filled that New England territory
as there is some mining country
in the State of Ontario left. Light on
Standard newspaper office today, will
be interesting to you. He should have
more "British" statements of profits, at

the meeting, also a lamp of
each size and probably a pile
of books of cuts. None only one.
Come up if it at all possible.
The best people in the place
are next week up to it.

He read the Edison Light Book.
Thanks. We shall certainly
expect Mr Hastings, Friday. Whether
you come or not. He do not feel
that we are well enough packed
to do your system credit in
explaining, and answering the many
questions sure to be asked at such
a meeting. He have had no opportunity
to get packed, except from the
printed matter.

James
Harrison & Robinson

He willingly pay expense of a
nice machine and classified to
be shown at meeting.
James Harrison & Robinson
87 N. 11th St.
St. Louis, Mo.



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-06-07
Box 331, Boston, Mass.

Spencer Borden, Manager
New England Department.
Herald Building.

Boston, June 7th 1883.

J. A. Edison, Esq.
Dear Sir:

I take pleasure in introducing by the present Mr William Willson, business manager of the Shaker Community at Enfield N.H. Mr Willson became much interested in our light at the N.E. fair last fall, and would like to talk with you about light, heat, and power for their town.

I would thank you to show him such attention as your time will permit, as I think the place eminently fitted for a village plant.

They are negotiating now for the introduction of water, and this could very well go in at the same time.

Yours very truly

Spencer Borden, Manager.
New England Dept.

Vertical handwritten notes on the left margin, including the name 'WILLSON' and other illegible text.



Edison Electric Light Company

1883-06-07
Box 3311, Boston, Mass.

17

AND
Edison Company for Isolated Lighting.

Spencer Roden, Manager
New England Department.
Herald Building.

Boston, June 7th, 1883.

To Mr. Edison, Esq.

Dear Sir:

I have to-day given a letter of introduction for you to a curious looking man, but a good business man, and with plenty of money. He is the representative of the Shakers at Enfield N.H., and I think if you fill him full on top of all I have said to him, we can put them in a village plant. I am sorry to trouble you by giving letters of introduction, and will only use the privilege in such cases as this, where I feel confident a few moments attention will pay the Company.

Yours very truly
Spencer Roden.

1823-06-09

The Occidental

N. A. BARNEY, PROP'R.

Humbogon, Mich., June 7th 1823

Thos. A. Edison,

My Dear Sir,

There is "traitors in our camp" in the west. There has been from the first. - Who they are or in what shape I am at a loss still, to determine. - Much to my astonishment and just in receipt of a letter from my partner Mr. Dyer stating that he wished to resign all connection with Edison Light interests under contracts recently made with your Co. and myself. -

Thus far Mr. Dyer has not invested one cent. - To get

1823-06-09

The Occidental

N. A. BARNEY, PROP'R.

Humbogon, Mich., _____ 1823

our matters in present shape in this State - All my expenses east to N.Y. and my present trip to the northern portion of the State have all been borne by myself. The same has now cost me above three hundred dollars - all the ready means I have at command. - Am willing to use my last dollar on Edison Light for I believe in it. - Mr. Dyer was to make his first cash payment under our contract the last of this month. This sudden break on his part you will see places me in a most unenviable and trying

1283-06-09

The Occidental

3

N. A. BARNEY, PROP'R.

Houshagon, Mich., _____ 188

position. - I write direct to you believing that if anyone is true to Edison interests, it surely must be Edison.

I want the real situation at Detroit together with such information and council as will give me a reliable and thoroughly intelligent knowledge touching all our interests in this State.

Address me personally at Russell House Detroit. In connection with my work for the Western Co. I never got our interests, at any point, to a certain stage of promise, but concealed hands from our side, belittled and thwarted the work.

1883-06-09

The Occidental

4

N. A. BARNEY, PROP'R.

Houshagon, Mich., _____ 188

I am satisfied someone in Detroit is at the usual "dirty work" and to the end that they be broken down and effectually beaten, your representatives hands must be well nerved. The "sweat of war" must be given him. He can't succeed in the dark.

You have no conception of the pusillanimous ass pig-headedness of some western men regarding your interests. - Having a little money power they name the "whole hog" as their portion in interest, and won't take him then, unless tame first.

1883-06-09

The Occidental

5
N. A. BARNEY, PROP'R.

Houshegon, Mich., _____ 1883

Have as good as sold an eight or nine thousand dollar isolated plant at Travers City, also have sales in process of crystallization at Elk Rapids; Manistee, Big Rapids and here, results of this trip thus far, - Regret being taken up at this time.

Several Company organizations are started but the Detroit under current (whatever it is) will break them all up until a power greater than they rise up and smashes their "machine". -

Yours sincerely, Chas. D. Markle

1883-06-09

The Occidental

6
N. A. BARNEY, PROP'R.

Houshegon, Mich., _____ 1883

Mr. Dyer I think will go ahead with the business in this State when satisfied upon points written the company yesterday. -

He does not lack in confidence regarding the future of Edison Light but he wishes to feel secure in possession of the field here when worked up and money expended on it. - I should do wish to have others here reap the rewards of his labors and secure results attained with his money.

Markle

EDISON LIGHT COMPANIES

1883-06-10.

Coldent

P. O. Address, 374 Cass Avenue.

Office of JOHN R. MARKLE & CO. Inc.
 Sole Agents for State of Michigan
 McMillan's Patent gas lamps
 complete with gas pipes
 Duplex McMillan
 Wagon Light
 June 10th 1883

Thos. A. Edison, Depy - Keep your powder dry
 + hamper the enemy at all points

My Dear Sir -

I wrote you hurriedly and possibly somewhat chaotically (if I may use such expression) yesterday from Muskegon. - I was rather "rattled" by the turn affairs had taken and with all much out of patience. -

I find the whole and only trouble here is McMillan. - He appears to have taken the stand here of the "dog in the manger".

Says you admit to him you can't do electric lighting in cities and make it pay dividends; and much more of same style; all well calculated to defeat any development in Edison Light in this City or State. - Now we have found the "nigger in the woodpile" - Will you put him out for us; or arm us with proper assurances - and he will go right lively. - Mr. Dyer has written Maj. Eaton full details. - Write me fully as you can, care Western Co. in Chicago where I go for a week to attend the R.R. Exhibition.

Yours Most Truly John R. Markle

1883-06-12

The Edison Company for Isolated Lighting.

AGENCY FOR

Maryland, Western Pennsylvania and District of Columbia,

No. 3 Hoar Building, Lexington Street.

Baltimore, Erie, Pa. June 12th 1883.

Mr. Thos. A. Edison

Dear Sir:-

In Harrisburg last week I assured Mr. A. J. Dull the most interested charter member of the Harrisburg Electric Light Co. and the business representative of that Co. that he could have an interview with you during the week. The City Co. have a few Fuller arc lights burning. I do not think they are giving the greatest satisfaction. The Co. have decided to adopt the Edison system but this is an office secret. I was requested to keep it quiet, the directors did not wish to give it publicity. Mr. Dull discussed the question of terms with me and I gave him the regular 20 cts stroke, 5 cts each, $\frac{1}{2}$ H.P. &c. I advised him to have you send a man to canvass and to join hands with the Parent Co. instead of buying goods outright. This lat-

1883-06-12

Wrote to Clark
 that W. A. Carver was long
 expected to man
 the Edison Company for Isolated Lighting.
 Agency for
 Maryland, Western Pennsylvania and District of Columbia,
 No. 9 Hoer Building, Lexington Street.

Baltimore, _____ 1883.

Her idea I found was what they entertained.
 The men in the W. G. Co. are as good as any
 in the State. Col. Jordan was formerly Sec.
 of State. Mr. Dull is a capitalist and has
 large business interests. Other members are
 of the same stamp. I have had several in-
 terviews with every member with slight ex-
 ceptions. Some miscarriage of telegrams a few
 weeks ago caused a failure on my part to
 make connections at N. Y. or the Fuller light
 I think would not have been put in at all.
 I may be wrong in this.

You know Harrisburg,
 Erie and some other cities in Pa. were excluded
 from Mr. Shaw's arrangement I believe. I
 can do better in Pa. than in any other State.
 Your business card has not yet arrived.

Very truly yours,
 Henry A. Clark.

1883-06-13

Pennsylvania Rail Road

*Special rates made to coincide with the Calendar Year;
Special Rates may be introduced at any time at the
pleasure of the Company.*

General Freight Department

John A. Wilson,
General Freight Agent.
John W. Wiltcher,
Assistant Freight Agent.

Philadelphia June 13th 1883

Thos. A. Edison, Esq.

65 Fifth Ave.

New York.

Dear Sir:

Referring to your letter of the
12th inst. relative to rates on Heavy Material
Boilers Engines, Dynamo-Electric Machines
Copper Wire &c. Please advise us between
what points you wish to ship and we
will furnish rates.

Yours truly

John A. Wilson

J.A.W.



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-06-15
Box 3311, Boston, Mass.

Spencer Jordan, Manager
New England Department.
Herald Building.

Boston, June 15, 1883.

Wm. A. Edison, Esq.

Dear Sir:

Your favor enclosing Powell Estimate
Came duly to hand this A.M. As I was
about sending same to our Powell friends
I looked it through, and found near the
end of the Estimate you had made 200
Lamps @ 60c. Cost \$120.00, and this amt.
entered into the Estimate instead of \$120.00.
I send you back one of the Copies where you
will see the point.

Will you kindly send me corrected Copies by
return mail, and I will get them immediate-
ly into hands of our friend, and close this
thing right up.

Yours very truly
Spencer Jordan, Manager.
New England Dept.

1883

1883

1883

1883-06-16

Pittsburgh, Penna.

June 16th '83.

25-5th Pine Ave.

Mr. Charles L. Clarke

Dear Sir:

Your favor of the 14th inst forwarded to me here, the blue print not yet received. I can, however, answer your queries without it.

"Supt. 40" is No. 13 - described as "3 story brick dwelling 44x54 with 2 story brick back building 38x22 1/2". You will see it marked on the left hand side of the map close to No. 14. and is the home in which the Supt. lives.

"Theatre 44". This is the hall above or over the store which is marked No. 29 on the map. As you go from the mill toward the bridge that carries you to Nos. 31, 36, 37, 38 &c it is the last building on the left before reaching the bridge. The man or boy set to copy my data by Mr. Dodge must have omitted something, for I made a sketch of the theatre and headed it thus "Theatre over the store." I entitled the store drawing "No. 29."

1883-06-16

"Grounds 60." Probably two poles would be all that would be needed for the grounds. No definite place was selected. One directly in front of the mill at the entrance, one near stone, possibly two or three in the yard. I am not sure but this would be sufficient. I would make it 6 poles, 3 lights each would do, making 18 instead of 60. Mr. Gary will furnish three poles.

"Passage 32" - No. 33 on the map. It is a house of three tenements viz: the parsons, and two apartments. I enclose rough sketch. If the copyist did his work correctly, you have this already, only the tenements were drawn separately and not united as in the enclosed, this may have confused you. Please notify me when the estimate is complete, make it in detail if you will.

Should the new 100 Lt. dynamo 16 c.p. making 160 10 c.p. lamps with the K on the spot number? I had ~~rather~~ ^{rather} ~~rather~~ ^{rather} dynamo on site. Direct ^{to Erie, Pa. 4/23/83} Henry A. Clarke



1883-06-19
Box 3311, Boston, Mass.

Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

Spencer Borden, Manager
New England Department.
Herald Building.

Boston, Havens
June 19th, 1883.

Samuel Insull, Esq.
Dear Sir:

*Will get
some poss. info.*

My two canvassers *Chas. T. Pison*, and *G. W. Wilber* have come in from *Naverhill*, and in accordance with the new instructions, I have paid them off and let them go adrift.

I think them very capable and willing men, who so far as my observation goes, have served the Company faithfully, and followed closely the instructions given them regarding canvassing.

I see no reason why they cannot become valuable under the new method, by a little instruction, and their ability to grasp the matter can be quickly tested in New York, if you please.

I heard you asking Mr Hastings to recommend any good men he might know for this service, and have ventured to advise them to see you with reference to entering your service, since, if they can do the work as well as new men, I always feel like holding on to old



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-06-2
Box 331, Boston, Mass.

Spencer Holden, Manager
New England Department,
Herald Building.

Stenographic

Boston, June 21st 1883.

Thos. A. Edison Esq.
Dear Sir:-

A letter just received from Mr. Bancroft, indicates that we may believe a company can be promptly organized in Pittsfield, Mass. He has secured the cooperation of some of the most prominent citizens of that town, and they have requested him to have a canvass made immediately. Will you therefore please send a canvasser, having him report to George D. Bancroft, 231 Main St., Springfield, Mass., as early next week as possible. Mr. Bancroft will then go with him to Pittsfield, introducing him to his parties there, and assisting him in the location of the proposed district.

This I believe will be a pole installation.

I have this morning sent Mr. Clark form desired, from which to get information concerning central station for Norwich, Conn. The site reported on, is an old pistol factory, very centrally located, and to the best of



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

Box 331, Boston, Mass.

2

Spencer Borden, Manager
New England Department,
Herald Building.

Boston, 6/21 1883

my judgment, readily made available for our purposes, besides having above the portions we should use, two or three stories, which I should think might produce an income from rentals. The location is the best in the city, and I would thank you to have Mr. Rich examine the place. If he can make it convenient to stop over a train at Norwich on his way to or from the east in the near future. When coming to Boston he might take the City of Worcester, to Norwich, and when through his examination, two or three trains a day on the N. Y. & N. E. R.R., would be available for the rest of his journey. When he goes to Norwich on this business, let him find and consult with Mr. J. N. Cromdall.

Yours very truly
Spencer Borden, Man.
for K

1
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10

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for confirmation, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GRIGGEN, President.

THOS. T. ECKHART, General Manager.

188	NUMBER	SENT BY	RECD BY	CHECK	238
791 BROADWAY.		[Signature]			
[Signature]		Boston		June 22	1888-3

Dated [Signature] Boston Mass 22

To Samuel Crorell

65 Fifth Ave.

Pittsfield is only town for

Immediate Convoys,

[Signature] Borden

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

43.

Jan 22/83

J. Boden

^{the}
Pittsfield is the
only town for
immediate can-
vass

1883. 06-23.

Telegraph
If you want
made order them from here
The Edison Company for Isolated Lighting
Edison
AGENCY FOR
Maryland, Western Pennsylvania and District of Columbia,
No. 6 Hoan Building, Washington Street,
Baltimore, Md.

Mr. Samuel Insul

Dear Sir:-

Erie, Pa. June 23rd 1883.

Your favor of the 18th inst reached me this morning. So far as my observations extend Mr. Howe is a quiet, painstaking, conscientious wireman of good habits. Though young in years and business experience, I think, he possesses sufficient business courtesy and capacity to make an efficient canvasser. I should be sorry to see him leave the Baltimore party, consulting only my own interests there.

Mr. Dyer is getting reliable data in Erie & will probably be through and leave Thursday morning. There is a little town in this end of the state which may be ready for a canvasser by that time shall he go there, please wire me at Erie on receipt of this as I leave here soon.

Very truly yours
Henry A. Clark.

811

Form No. 1.

THE MONTREAL AND DOMINION TELEGRAPH COMPANIES' LINES,

OPERATED BY THE GREAT WESTERN TELEGRAPH COMPANY OF CANADA.

This Company transmits and delivers messages only on conditions limiting its liability, which have been accepted to by the sender of the following message.

Errors can be guaranteed against only by re-peating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission in any emergency, except as provided in the following message.

Delivery of unrepaid messages, beyond the amount of rate paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an unrepaid message, and is delivered by receipt of the sender, under the conditions named above.

No. 70	Date May 10	Time 11:30	Rate 45	Per	P. M.
--------	-------------	------------	---------	-----	-------

This Telegram has been received upon the following conditions:

No. 693 Montreal June 25 1883

By Telegraph from Reynolds

To Saul P. Hall
Schumacher Hall
Edwin has been story
arranged about the incident
Red get up steam
at Sumbury tomorrow and
if all right will leave
for Brockton same night leaving
returns to Sumbury tonight to push
things we have arranged to catch
at Sumbury on our arrival on
June 25
late

READ THE NOTICE AND AGREEMENT AT THE TOP.



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-06-25
Box 3311, Boston, Mass.

Spencer Baden, Manager
New England Department.
Fidelity Building.

Boston, June 25th, 1883.

Thos. A. Edison, Esq.

Dear Sir:

Your favor 23^d inst. duly received. My only reason for suggesting that the Cavasser for Vittfield should first go to Springfield, was that I think he should be introduced to Mr. Kenochan who is organizing the Company, not for any good that it will do the Cavasser, but because such introduction seems a recognition of the organizer of the Company which I think is due him, which he will expect, and which will give him something to talk about to those whom he is trying to interest in the Company. If you do not think best to send him to Springfield, I think I should send Bancroft to meet him in Vittfield.

I note that you propose sending him after ward to North Adams, and that you are in communication with parties there.

For six months we have been working on that town, and we are committed to Hughston of the Arnold Trust Woods and Hughston Richardson and Richardson two of his friends. They are the best



Edison Electric Light Company

1883-06-25
Box 331, Boston, Mass.

AND
Edison Company for Isolated Lighting.

Spencer Borden, Manager
New England Department,
Herald Building.

Boston 188

Now we could have in that place, Bancroft has
been there three or four times, and is going
there again this week. These men with State
Senator Swift have been working the matter up,
and it will make trouble if any one else is
allowed to interfere with them. I do not know
who your parties are, but write you this, that
you may be aware of what we have been
doing in the premises.

Yours very truly

Spencer Borden, Manager.
New England Dept.

1883-06-25
Spencer Borden
New England Dept.
Herald Building
Boston
1883-06-25



1883-06-26
Box 3311, Boston, Mass.

Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

Spencer Borden, Manager
New England Department,
Herald Building

Boston June 26th, 1883.

Thomas A. Edison, Esq.

≠ You

O J E W

Dear Sir:

Your favor June 25th duly at hand. The policy you suggest in getting Capital for local Companies is that which I try in every instance. In only one case, that of Lowell, has it been resorted to by local Capitalists. Whenever else I have tried it on they have demurred and asked to see the figures before committing themselves. In Portland they agreed to pay \$150.00 for the Canvases, in other places we could not secure even that. I, however, try, and shall continue to try the method you suggest, in every instance, which is a sure and corroborative proof that "Great minds think alike".

Your remarks concerning the coming of other agents into the territory of this department to seek to organize Companies quite changes the conditions as indicated in your former letters, or my understanding of them. As explained at present I am willing to make an arrangement such as suggested, and will settle it with you, the next time I come to New York. My cooperation in any scheme to forward the business of the Company can always be depended on.

Yours very truly
Spencer Borden.

misquoting the original source
misquoting the original source

You are entirely misinformed and I will let
please read it ~~again~~ again.

You will learn that nothing
is asked of the local people
except that to a good extent
put money into the scheme

If you present a ~~letter~~ ^{petition}
can show them that ~~it is~~ ^{it is} ~~not~~ ^{not} ~~profitable~~ ^{profitable}

The broad idea is that a ~~petition~~ ^{petition}
will be made & tender drawn up in
Every case where there is reasonable
assurance that if it is favorable
the local party will go in
until they have seen the ~~letter~~ ^{letter}
& organize they pay no money
What else - read the letter
again

113
D. J. ...



1883-06-26
Box 3311, Boston, Mass.

Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

A. Sprague, Boston, Manager of
New England Department.

10 Broad Building,

Thomas A. Edison, Esq.
Boston June 26th 1883
I would do it myself but I don't
get only 10 percent
and I have to pay
over

You favor of yesterday duly at hand,
also telegram from Russell this A.M. about Lawrence
The only person I have not compensated started in
the various towns already worked up, is that I have
no actual figures from Woburn, Wrentham, this estimates
are still in your hands. Woburn, Lawrence and
Rowley are the only estimates I get here, and we
have organizations in all of those places.

As to your putting a man in some of the N.E.
territory, my only objection is that I have to pay
him, either with salary or division of commissions,
and I believe my commission of 5% is the lowest
of any arrangement the Company has with any
of its agents others being from 15% to 33% of the
Company's allotment of stock. My contract is made
to make no part of this, only it is too small to
be divided.

Further, we are working this territory for all any
we can until one or two stations start, then
we can give you all the business of that kind

Why not go into a town and get people together

and ask them if they will

put up a ~~canvasser~~ ^{canvasser} If you make a
 canvasser + letter present the same
 + can prove it to be a good
 investment - If they agree to
 this then send a letter + we will
 write the canvasser

When I spoke about agents going
 into your territory I of course
 thought you would get you
 5% pct & not have to pay
 anything out but much
 do all you could to help the
 agent - ^{Franklin is being}
 delisted = Portland & Hamill
 is being mapped



1883-06-26
Box 331, Boston, Mass.

Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

Spencer Baden, Manager
New England Department,
Herald Building.

Boston, 2 1883

that you can attend to. We are working this whole
business in all directions. We do not now need any
more force on the ground, and it would be no advantage
to incur the additional expense. Give us the figures
as fast as we put in canvasses, and we can keep
you busy. I was sorry not to see you Monday
last, but may be here again in a few days.
When can you give me the figures for
Fall, Portland, & Newhall?

Yours very truly
Spencer Baden.

34
1883
1883
1883

1883-06-26
2413 Prairie ave., Chicago, Ill., 4/26, 1883.

Dr. Fred. Edison,

① Wrote you F. S. Hastings, Genl. "Cold Man, and Kan. Write you to meet Sell Edison & Eaton." ② The reason for this telegram is that I met Chas. C. Hasbrook, chief editor & owner of "The Times," of Kansas City, Mo., on limited train fr. N.Y. to Chicago. He was not favorably impressed w. our fr. yr. Co. visitg. his city, but promised me, if I come there, he'd aid me in securing all the capital need. need to boom Mo. & Kan. — among capitalists in latter story, whom I know to be monied & energetic men, who'd join me. "The Times" has a daily circulation of 16,000 copy. & 60,000 weekly. It's a most influential paper west of Ch. & St. Lo. Co. Sm. gov. to Des M. & Council Bluffs, Ia., anyway, it will easy to go fr. latter place to Kan. City. Fr. last named place, Ill. w. you, a gov. byt. middle of next wk. ③ To-day I send letter to Wilson, St. Paul, dictated by Maj. Eaton, requesting him to write one, Des M., Ia.

④ Now, pl. understand, I wish you to remain Minn. for me with Wilson, till Dr. decides whether I prefer Mo. & Kan. (as I can understand you, that you'd rather be one work there, than move Texas = word), but, if accepty, latter 3 States, I'd abandon Minn. ⑤ I'll w. one to "The Times," Kansas City, Mo., in reply to this whether you favor suggestion in I. 4. ⑥ Here I make an inquiry, wch. pl. answers on yr. next paper. Did I understand you to say, that you pd. \$100 for one. & 10% on cash & stock pd. parent Co. at organization of central station plant companies & 10% on future increase of capitalization of latter Co.?

⑦ I'll don't fail to inform battery you promised me, in latest improvements. I am, at the earliest day. If you can refer by 74, send to Kansas City, Mo., if not hold till hear, fr. me again.

Yrs. very truly,

A. D. Kissell.

[FROM HENRY A. CLARK]

~~At Dept.~~ Give Paine
Tell Hastings to write note
at Baltimore first what
he, & Paine said. I sent you
a letter an hour ago.
I start for Balto. & W. in
1/2 hr.
Clark

1883-06926



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SLIP



Mrs. A. E. Hastings
Tell Hastings of
court to back Co.
about Secy. Treasury
B...

1/13
1/13

QUEEN INS. CO.

D
1883
El. #

Haverhill Agency, June 28 1883

Spencer Borden Mangum

Dear Sir

The Real Estate Imp. Co would like to know what the prospects are for the Edison Light being introduced into this City.

We have got to a place now where we must decide immediately whether we are to introduce it into our new store and Opera House and buildings connected. We have two large stores, forty offices, Opera House and twenty four tenements.

Will you please advise me via an early mail and oblige
your very truly

L. V. SPAULDING,
AGENT

No. 8 WASHINGTON SQ.
HAVERHILL, MASS.

L. V. Spaulding Esq

THOMAS A. EDISON,
Central Station, Construction Dep't.,
No. 65 FIFTH AVENUE,

1883-06-29th AM

New York, Sunday June 29th 1883

D. Small Esq.

Dear Sir

Yours of 28th received. I was not positive you were back from Canada, or I should have written to you, as it was I wrote to Bergmann, explaining to him that owing to a want of material, the entire change of the plan of running the Pole line, and 1 1/2 days rainy weather in which it was impossible to dig holes or haul and set Poles, that we would not be ready before the 4th with our wiring - but we will be ready then, and no one in this town has been promised the light before then. Now to do this we are, and have been using every effort, some of our men to day have been working up to their waist in water, and did not stop until eight o'clock at night. We will work all day Sunday, and Johnson tells me positively, he will be ready.

In regard to Shanokin, I will go there Sunday, and write you that night.

I will weigh the wire as you request. But in the future will it not

do if I give you the No. of feet of each
feeder and main used and then give
you No. of feet left. as I think your
tables give you the weight for any
No. of feet? if this will do it will save
time and trouble for us.

Will you be on here for the 4th?

I hope so, for we ought to have a good
time.

Truly Yours
~~Ed~~ Hamilton

no - delay cannot
by doing, need
+ more speed if
manner
to O. P. Hamilton
of mine 2/13
57

1883-07-01

The Edison Company for Isolated Lighting.

AGENCY FOR

Maryland, Western Pennsylvania and District of Columbia,

No. 8 Hoop Building, Lexington Street.

Baltimore, Md July 1st 1883.

Mr. Thos. A. Edison

Dear Sir,

Your letter of the 26th was forwarded to me and I was ill in coming. I do not therefore know what its contents are.

Will you kindly send me some sets of estimates similar to those you showed Mr. Selden when he was in N. Y. I mean estimates for running a plant of various sizes &c. + the cost of installation &c. Please direct them to the office here.

Very truly yours
Henry A. Clark.

P.S.

Send the Erie estimate to me here when it is done.
C.

Thos. S. Edison, Esq.,
 65 Fifth ave., N.Y. City, N.Y.
 Dear Mr. Edison, I enclose the unani-
 mous vote of H. Elec. Co. of this city for a 350 lb. (160 ft.) dynamo,
 order, it fr. H. Elec. Co. to be paid by 8/1/83. This order was secured
 over the U. S. Co. wh. offered to sell them a 200 lb. machine w. 400
 max. lbs. for \$1500, while I got \$4,000, at Chicago for gr. 350
 lb. d. dyn.

- ② A. nu. gr. Mr. Insell explain to me wh. you mean on
 yr. estimates by \$2⁵⁰, \$2. 7/1⁷⁵ for 2000 candles in yr. acct.
 - ③ Fr. this I go to Atlantic, Ia., thence to C. City, Sept. 6. W. E. Co.;
 thence to Kansas City, Mo., as I want you, while I expect to get a
 party to this from the A. S. Co. - see account of it
 - ④ In receipt, to receive for the T. Miller, St. Paul, 7/20.
- Yours truly,
 A. S. Insell

P.S. In case you reckon a foot of
gas as equal to 2 candles in electrical terms
I understand that 1000 ft. of gas = 2000 candles of E.
A. D. S.

1888-07-05

Form 2.

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

New York, July 5th, 1888

My Dear Edison;-

I received your telegram early to-day about teaching Conant the meter bookkeeping according to the Roselle style. As I do not understand the Roselle style of meter bookkeeping, I sent him out to Roselle with a letter to Oakley, and when he comes back to-morrow, I shall put him through a course of catechism and find out what he knows, and then take him down to the central station to find out the difference between the Roselle meter bookkeeping and the Pearl Street station meter bookkeeping. As to giving him instructions in all bookkeeping required, I must confess that it is beyond the scope of my ability to give a man a liberal education in the course of twenty four hours. I know you have a very great contempt for bookkeeping anyway, but I can assure you that it is not such a simple matter that it can be picked up in that time. Furthermore the general mode of keeping the books at Sunbury must be decided by the Company's Board or their representative, and they must be left to do it themselves as they please, as long as they do not interfere with that part of the bookkeeping which refers to the running of the station. You remember I asked you to get up the forms with me for use in the central stations. I cannot very well give Conant instructions as to what he is to do until I have got these forms. However, I

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

New York,188

2

will post him as much as possible, and send him on to-morrow nights train, so that he will be in Sunbury Saturday morning.

Your second telegram stating that you want the right feed cups and wire screens for the dynamos, and also spare feed for cylinder of the same style as Pearl Street Station, came to hand later. I will endeavor to get these things, and have Conant take them on with him.

Bergmann informs me that he has shipped the pressure indicator and ampere indicator, they should therefore arrive to-morrow.

Renovo canvass has ~~just~~ just come in. Minneapolis will be in in the ~~same~~ course of a day or two. I think Eaton wants me to send a man to Hamilton, Ohio right away. My impression is that we shall want another canvasser, and I am therefore looking after one. I am on the track of a man, who is coming to see me to-morrow. I shall instruct the applicant, and start him out on Sixth Avenue to see what he can do. If he turns out satisfactory, can I send him off before you return? Will you trust to my judgment of his physiogomy? Please wire reply.

I have sent you by express to-day, in care of Shaw, Williamsport, copy of the Williamsport map, which please mark and bring back with you.

Yours very truly,

Thomas Edison

July 5th / 13
T. A. Edison

I should like
his teaching
to keep ^{my} books
according to
Rowell style

Rowell style

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Correspondence Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNRECORDED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RE'D BY	CHECK
			20 of 265

Received at **791 BROADWAY.****852 BROADWAY.**July 7 1882³

Dated

To

telegraph them will also have
Rich go for them
Edison

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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This is an UNRECORDED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RE'D BY	CHECK
159	han		147d 08044x 1716

Received at **791 BROADWAY.****852 BROADWAY.**July 7 1882³

Dated

To

Balto md via 549 Bay 247
Thos a Edison 65-5 Av
Can you send Clipville
estimate immediately
when is Eric ready
Henry allard

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE.

THE EDISON ELECTRIC LIGHT CO.,
65 FIFTH AVENUE.

1873-07-07

New York,

July, 7

1883

S. J. Edison Esq.

to Mr

With this you will please
find plan of Alberton Md,
also letter from A. Clarke and
copy of his notes from which the
lights were put on the plan.

Yours resp

Robt Goddard.

ATTORNEY

ATTORNEY

ATTORNEY

ATTORNEY

RECEIVED
JUL 10 1883
EDISON ELECTRIC LIGHT CO.
65 FIFTH AVENUE
NEW YORK

Form No. 1

1883-07-09

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of all following messages. Errors can be corrected against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery. Unrepeated Messages, beyond the amount of coin paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

TEOS. T. KICKENT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHARGE
	P. M. M.	34 rd	

Received at 6.55 P. 7/9 1883

Dated New York 7/9

To D. A. Edison, City Hotel

W. Watson goes tonight to show
 Williamsport Moore not Lee no
 use send sprague Louisville yet
 switches regulators & indicators
 not ordered I do not understand

Form No. 1

1883-07-09

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following messages. Errors can be corrected against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of coin paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

TEOS. T. KICKENT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHARGE

Received at _____ 1883

Dated _____

To _____

what they want & isolated
 company cannot tell answer
 J. M. Inoull

THOMAS A. EDISON,
Central Station, Construction Dept.,
NO. 65 FIFTH AVENUE,

1883-07-29th

Quakertown Pa
New York, July 18th 1883

Saml Insull Esq

Dear Sir

Your letter by this time that we have commenced at Shonstein - but the only thing we can do at present is to trim the poles - as Mr Edison has I think, concluded to use something in the place of the Hook Insulators, as they pull out with the strain of the wire - He told me to stop the order I had given for the Cross Arms, they would have been ready on Thursday morning, now I have 10 days work for two men or five for four, trimming poles. I can do nothing else till I get the Cross Arms, and as it a question of what kind of an arm we are to use, why I cant gain or cut the poles to fit while I do know, Mr Edison will be our best decision to day, and I will act according.

Mr Rich went to Shonstein yesterday morning, I was there Saturday afternoon, they had up one stack and was to have the other up before night this is all I know about Shonstein.

We lighted up here to night and with the exception of a ground everything is all right. I had three parties call at the station to night wanting three places wired - but I see very little money if any in this work for us at 12 or 27th per light on account of the length of the service - to day for six lights 42 - the service was 160 feet of #10 wire, and the most of them here will be about 100 feet. I know we have been a long

THOMAS A. EDISON,
Central Station, Construction Dept.,
NO. 65 FIFTH AVENUE,

1883-07-10th

New York, 188

time doing Quakertown, but as you know, and partly from your own observation, things have run very much mixed from the start, in the first place it was the first plant of its kind, and I dont think more than 1/4 of the people that had a hand in it understood it, they pretended they did but I think pretense fitted the bill, and as I was not the only one to go to school on this job. this is only my opinion, and I may wrong - but at all events I think the most, if not all the wrinkles of the 3 wire system, will be smoothed out for us, by the experience we have, and will gain before we get finished here, If Mr Edison dont object for A.S. tomorrow night, will write you then.

Mr. Chace is here, also the Stewart of Romington N.Y.

Truly Yours

T. A. Edison

THOMAS A. EDISON,
Central Station, Construction Dep't.,
No. 65 FIFTH AVENUE,

1883-07-17^{pm} H.

Rumby, July 11th
~~New York,~~ 1883

Ramb Insull Esq

Andrews and Sprague will write you tomorrow, in regard to Bile for work done by my men at Central Station - as this work was done under their direction, they can give you the details better than I can -

As Mr Edison, and Greenfield, will be at the office when you receive this, they will give you all the particulars about Rumby and Chomokin -

I will take us about five days to finish up here - but in the meantime, I will put on men at Chomokin as fast as there is work to do. The Cross arms will be ready on Thursday, and Greenfield has promised that I shall not be delayed for want of material from N.Y. I will keep you posted in regard to progress.

Truly Yours
T. A. Edison

1883-07-11.

Prof. A. Edison, Esq., St. Joseph, Mo., 7/11, 1883.
65 Fifth ave, New York City, N.Y., I return to Chicago to-night.
My visit to that part of the country was voluntary; yet, I can see
why you & the New York Co. Cd. not have, at least, replied to my
first telegram and let. Those were sent you June 24th 26, and
certainly there has been sufficient time for a reply.

On my arrival here, I found what I enclose you. Mr.
Corby is quite dissatisfied with the manner his correspond-
ence has been treated by your Co., & his last reply recd. from
your Mr. Hastings, caused me to believe that I was not
wanted here, in this territory. But surely, it would have
taken but a little time for Mr. Hastings to have

Will you or Mr. Hastings do me the favor to write
me to my address below, stating whether you have any
territory for me.

Truly,
A. S. Kissell,
2413 Prairie ave., Chicago, Ill.

1883-07-12

EDISON ELECTRIC LIGHT
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

E. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA., July 12th 1883

Samuel Insull, P.S.
65 Fifth Ave N.Y. City - }

Dear Sir,

The Estimate for Watertown
duly received. I have today requested
by mail the Secretary of the Company
to call a meeting early next week and
I hope to push the matter to a success-
ful issue. The Gazette & Millinet, pub-
lished your correspondence and I ordered
250 copies but they failed to deliver
the goods. It will be republished
tomorrow in the weekly and I will
then mail you a copy. I will say nothing
of the Sunbury plant and I slightly sus-
pect that Mr Edison has intimated that
it is started. Will you please ask Mr
Edison to explain to you the effect of
a box of Compound Squal Pills taken by
an old gentleman of Sunbury. It is a sub-
ject of much comment in this locality and
I feel assured you will be interested.
Very Truly yours
E. B. Shaw

1883-07-12

The Edison Company for Isolated Lighting

AGENCY FOR

Maryland, Western Pennsylvania and District of Columbia,

No. 8 Hoop Building, Lexington Street.

Baltimore, Md. July 12- 1883.

Mr. Samuel Insull,

Dear Sir:-

Your favor of the 10th received. I saw Mr. Gary yesterday and he informs me that he wishes the place called Alberton, that is the P.O. name and the R.R. called the station Elysville. I had hoped to receive the estimate for Alberton before I left here which will be not later than Monday and possibly Sat.

When is Defer coming to canvass Leatonsville? Send him as soon as possible and let him report to Jas. A. Gary 64 German St. Baltimore, Md. Leatonsville is only six miles from here.

I would like Alberton in Kent Co. on the Eastern Shore canvassed, no gas & fair prospects of a Co. Let the canvasser go to Chas. P. W. recto p. for any information.

1873-07-12

The Edison Company for Isolated Lighting

AGENCY FOR

Maryland, Western Pennsylvania and District of Columbia,

No. 8 Hoop Building, Lexington Street.

Baltimore, _____ 1883.

I have been in some other places but not ready yet.

Hurry up that Erie estimate as much as possible, there are some charter difficulties in the way and this makes it very important that I have that estimate next week at the latest. I shall be in Erie Wed. or Tues. and I wish you would send estimate to me there care of Gen. D. B. McCreary.

Yours very truly
Henry A. Clark.

P. S.

Please give me list of places where Co's are organized, so that I can refer to them when negotiating with timid capitalists. Can you send me sheets of estimated cost & profit of installations? I saw some when there. c.



1883-07-12
Box 3311, Boston, Mass.

Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

Spencer Burden, Manager
New England Department.
Herald Building.

Boston, July 12th, 1883.

Samuel Insull, Esq.
Dear Sir:

Your favor 11th inst. is just at hand. I am glad we are likely to have the Fall River estimate as soon. I think that with it in hand Mr. D. Welles can readily figure the Expenses or Profits of the Station with Lowell (which I have not received, and would thank you for) and Proctorton, as guides.

I am at somewhat of a loss to decide whether the 10 or the 16 C.P. lamp should be used in Fall River. The gas is from Coal, and very good. In most of the stores in the part where our light would be most used they have large, 68 C.P. burners, so it may be deemed best to have the 16.

You must think it somewhat strange that after showing you Hodgkinson's report about the Providence business, I carried it off without leaving it for you to estimate upon. This was done at Maj. Eaton's suggestion for more complete information, which, when obtained, will be submitted with the report you have already seen.



Edison Electric Light Company

AND

Edison Company for Isolated Lighting.

1883-07-12
Box 3311, Boston, Mass.

Spencer Borden, Manager
New England Department.
Herald Building.

Wm. J. ...
Boston, *Pa* 188.

*Last night I was in Worcester and have great
encouragement that we can organize a strong
Company there. Write you, therefore, kindly order
your canvasser there as the next point for inves-
tigation?*

*Yours very truly
Spencer Borden, Manager,
New England Dept.*

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company **TRANSITS** and **DELIVERS** messages only on conditions limiting its liability, which have been admitted to by the sender of the following message. Errors will be corrected without cost by retransmission of a message back to the sending station for correction, and the company will not be held liable for errors or delays in transmission or delivery of **Unrepeated Messages**, except the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. Tollless **UNREPEATED MESSAGES** are delivered by request of the sender, under the conditions stated above.

THOS. T. ROCKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHARGE
290	Ch W	18 Paris E	E 8 8 74

Received at **791 BROADWAY.**

E. July 17 1882

Dated *Newburgh N.Y.*

To *Thos A. Edison*

*Have our rights been taken
 out of the post office
 and other places like - Dated Dec 27
 1881. Answer Chas J Hughes*

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, when any reply should be sent.

DIRECT WIRES.

EDISON ELECTRIC LIGHT.
GENERAL STATION SYSTEM FOR PENNSYLVANIA.

1883-07-19

OFFICE OF STATE MANAGER.

E. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA., July 19th 1883

Dear Samuel

Your favors of 18th inst.
received & read. I have just mailed
the letter you enclosed to the Pres.
of the Danville Co. I should have
been to Danville before this had I not
been sick. I was to have been to
Watsonstown last night but was
fast in bed & will wire them
a new appointment during the day
you need have little fear that Danville
will get to the bottom of the list -
you understand that the ordering of
a plant in Ohio is the result of
the labor of your humble servant -
I received the drawing for Remond. and
as soon as I get on my feet I am
of the opinion that all will move off.

Grandy Very Truly Yours E. B. Shaw

1883-07-23

Edison Electric Light Co.

Boston, July 23rd, 1883.

Thos. A. Edison, Esq.

(Stenographic.)

65 Fifth Ave.

New York City.

Dear Sir:-

When last in New York, you wished me to give you the names of towns that I thought would be likely to support a central station company within this department. Besides those already sent you after my return, you will be pleased to know, that interest in the light seems to be sufficiently awakened in the matter, in the towns of Palmer, Spencer, North Brookfield, and Westboro Mass., so that I think it desirable to make canvasses of these towns, and believe that with estimates in hand, we can organize a company in each of them.

Will you please put them on the list to be canvassed next in order to those now in hand.

Yours very truly,

Spencer Rodin, Manager.

*New England Dept.
You mistake - Have you reasonable
assurances from parties
in these towns that if
can show them a profitable
scheme they will go into it*

1883-07-23.

Erie, Pa.

July 23rd 1883.

Mr. Saml. Inzell;

Dear Sir:-

Can you give me a definite answer as to when you can send a canvasser to Catonsville, Md. It is important that this place be canvassed at once, parties interested there will and are interested in the organization of a Co. in Baltimore. I suspect that when the next Md. Legislature meets a law will be passed regulating the right of Companies to disturb the streets of B. for light purposes, this through the efforts of the gas Cos. they will then combine and raise the price of gas in that city. I am informed that our Co. ought to be organized early on that account and my people are interested to see the plant at Catonsville under way first. Now can you not send a man there at once? My foreman Chas. S. Van Nis now in Balto. with a little tutoring under your Catonsville canvasser could attend to some of the Md. towns viz; Lehatsville, House of Grace &c.

1883-07-23

I wrote to Mr. Moore about the matter and he referred me to Mr. Edison or yourself. When will the Alherton estimate be ready? Can you not send the Erie estimate by return mail? One of our best men has become a doubting subscriber and wishes to call a meeting and cancel his subscription. I fear this will spread. You know we were promised on June 7th that the estimate would be ready by the 21st of June at the longest. It is necessary that the figures come on soon or the whole thing will fall through. The Vice Pres. of the Brush Co. has been here to see Mr. Selden and went to N. Y. for that purpose not finding him here. Let me hear from you by return mail. This matter is getting very serious with any people here.

Very truly yours
Henry A. Leask

Direct to
Erie, Pa.

(1883-07-24)

T A Edison

Engineer is prepared
to give estimates
to reliable parties
& Contract for the
Erection of a complete
A.C. safe Electric
Lighting on the
Incandescent System
for public & private light
from central stations
(The light be distributed over
1 to 2 miles square & sold

July 24 1882

Mr. Edison
is here. ~~Can you guarantee~~
five minutes above

by meter ~~then~~ in the
same manner as
gas is now sold
& distributed, =

1883-07-25

Loured Mass July 25, 1883

Samuel Insull Esq

Gen of Edison Est Co

New York City

Dear Sir

In your "Statement of Prices" you made
two estimates - One for 1600 Candles and another
for 3200 Candles - Should it not read for
1600 Lamps and 3200 Lamps instead of Candles.

I understand this estimate to be for the given
number of hours for 300 days in the year,
10 C.P. Lamps.

An early answer will oblige me.

Yours truly

W. C. Farrington



Edison Electric Light Company
AND
Edison Company for Insulated Lighting.

1883-07-25
Box 3311, Boston, Mass.

Spencer Borden, Manager
New England Department.
Herald Building.

Boston, July 25th, 1883.

T. A. Edison, Esq.
Dear Sir:

Your favors July 24, duly received. As to the
Toll River matter, Drwelly fortunately came in this A.M.
having with him the P.R. estimate and plan. We looked
it through together, and decided on certain parts that
had better be left out on the first end off, and could
be without disadvantage. Your figures are for a capi-
talization of \$115,000. This is more than we
have ever talked there, and should not exceed \$100,000.
Your estimated profits being on that basis also,
made it necessary for Drwelly to refigure them
on the \$100,000 Capitalization which he is
doing now. The terms also for Toll River
are 25% stock & 5% stock instead of 20%
& 5%. These changes however will be quickly made
and I hope we can march the business
right along. I shall try to have Mr Drwelly
and Mr Dow (who I hope will be Pres. of
the Company) come to New York and see you
next week, consulting just where to cut
off conductors to save first cost. For instance



Edison Electric Light Company

AND

Edison Company for Incandescent Lighting.

1883-07-28.
Box 331, Boston, Mass.

Spencer Jordan, Manager
New England Department
Herald Building.

When can you get to Portland - E
near to Portland - E
Boston: 2: 188

in one place I find you have gone 1/2 around a block to get at some stores in a back street, certainly 500 ft. Familiarity with the ground brings within my knowledge the fact that the block stores run way through, and can be reached from the main street instead of running way around. There are other places where familiarity with the occupants of certain localities makes me positive that they will only take the light after it has been in the city through one season at least. Lines to such points can be cut off, mains from the station being of such size as to allow of their connecting on later.

So much for the Fall River matter.

As to the Lawrence business, I wrote you yesterday. Mannington I saw and gave a letter to Tom. Sanders at Haverhill. Hodgkinson went to Norwich Monday and will send you information about lots immediately. I note what you say about Pittsfield and No. Adams with pleasure. You have the order of canvassing as I will it, viz. Worcester, Natick, Salem, Spencer,

1883-07-25

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

E. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA., July 25th 1883

Dear Samuel, I beg to hand you
herewith a letter addressed to Mr
Edison, purporting to be an Esti-
mate on poles. I have had the
pleasure of an interview with the
Gentleman since receiving the letter
and he assured me that it is no
joke, but the price at which he
sells poles to W. W. Co of like dimensions.
Please inform me, either or not - I shall
tell him to go to H - C. Please copy
his bid and send me copy so that I
can use it when local Companies talk
about furnishing their own poles at
less than \$3.00. Very Truly yours
E. B. Shaw

P.S. The price quoted is per pole.
instead of per doz.

1883-07-26

MILLS BUILDING,
15 BROAD ST., N. Y.
ENGINEER'S DEPARTMENT.

July 26th 83

Am waiting for

Mr Edison

send an Estimate to

Dear Sir
Order on lighting the

Cannon of 200 ft on you last night but you had gone out to see what you had done so the

Werner matter will Mr Weston yet the contract for that district he

is retaining to hear from you I think he can make a good deal

with other parties if he had the power a line would like to write

him some arrangement please see what you can do at your earliest

convenience and oblige

J M Robinson

1883-07-27

Send the price & size
of poles furnished us at
Shamaker & Sunbury
Edison
Willeamsport July 27 1883
Thos. A. Edison Esq
Dm Sa

In accordance with our conver-
sation I will write you and give
the same figures on Poles that I
gave Mess Shaw & Distuler of this
place I have the timber which
will cut those Poles and of the
best quality I have seen in the
state but the Dr & Mr Shaw thinks
my price is high but still I pay for
such Poles stumpage get them out
haul them 11 miles load on Cars
& pay Freight I have not any more
than I should at the price made
but want to learn from you
see if the price is more than you
can stand give me your best

44 July
S.P. Dunkel

figure on poles ^{notes prices on price} place + Bellefonte & I will see if
I can get them for you as it takes
time to cut poles & get them in
of so large a size my price was
as follows Delivered in Williamsport
& Bellefonte

60 ft Poles 2 1/2 in circumference at small end

50 " " " " " " " " " "

40 " " " " " " " " " "

state when you will require them Del

60 = 20 ft } this is for nice straight
50 = 16 ft } Poles, cut from round chest,
40 = 10 ft }

Yours Respt

S.P. Dunkel

If any poles are wanted from one I
should like to commence at once if
while the bank spends poles look much
better & it takes less work to get them

THE FALLON HOUSE IS THE LARGEST HOTEL IN THE CITY AND THE ONLY ONE HAVING AN ELEVATOR. 1883-07-27
TELEPHONE COMMUNICATIONS.



FALLON HOUSE

J. SCHUYLER, JR., PROPR.

Lock Haven, Pa., July 27th 1883

Samuel Inaull P.S.
New York City.

Dear Sir
Please advise me of the towns
comprised by Dyer in the
territory and the size of the
plots for each place
I will report fully of Danville
by tomorrow mail

Very Truly yours
J. Schuyler

Could tell size yet



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-07-30
Box 3311, Boston, Mass.

Spencer Borden, Manager
New England Department.
Brata Building.

Boston, July 30, 1883.

Mrs. A. Edison, Esq.

Dear Sir:

Many thanks for the estimate of profits at Fall River on the \$100,000. Capitalization, I have sent same to Drexley.

After canvassing the places whose names I have already sent you, please take up Webster and Southbridge, Mass. about which I wrote Maj. Eaton this A.M.

Mr Lord was in from Lawrence this morning and asks me to urge that their central station work be pressed with all speed. They are becoming impatient of the delay in commencing work there.

Yours very truly
Spencer Borden, Manager.
N.E. Dept.

1883-07-31

Russell House, Detroit.

July 31. 1883.

Mr Edison -

Dyer (Mankle's partner) has left town, possibly to avoid me. He & Mankle have fallen out. I propose to find Dyer & make him & Mankle adjust their quarrel (Mankle has been to a lawyer to sue Dyer) & then cancel the contract - After that, I may make a fresh

1883-07-31

2
deal - Mr Millan is away,
though he knew I was
coming - I go to Grand
Rapids this P. M. in search
of Dyer; saw his wife here
to-day, & she thinks I will
find him there. By playing
D. & M. off against each
other, I hope to adjust things,
at least so far as our own
interests are concerned -
I had hoped to be in New York

1883-07-31

Wet. night. but can't do
it. May be home at
office Friday morning -

Please show this to
Mr. Hastings & McDonnell.

Yours truly

S. B. Eaton

Western Union Telegraph Company.

D 1883

E. L. T.

Philadelphia July 31. 1883

Friend Edison.

At your leisure will you oblige me by hunting up an application made by me for the Edison Light for Camden New Jersey. on one or two of my visits to New York. I found the application on file but there was some preliminary matter in the way. Consequently I was compelled to leave with a promise that I should hear from them. My address is still the same viz "Heber C. Robinson Camden N. J." and a letter would not have gone astray if once dropped in a box. When will Ed return from England.

Yours
"Rc"

Can you put me on the list for your "Monthly reports" Prot.

1883-07-31

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

R. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA., July 31st 1883

Thomas A Edison
65 Fifth av - N.Y. City

Dear Sir

I am, in receipt of your letter of July 26th: ~~with~~ⁱⁿ which you charge me with indiscretion or hasty advice to the Lehigh and Shamokin Co. regarding the house wiring for these plants - I am to say the least greatly astonished with the contents of your letter, and therefore must ask your indulgence for a brief recital of my personal part in this matter. On the evening of the 23rd instant, I went to Lehigh to learn progress that was being made at that point. Every thing at the central station was running splendidly but a great deal of comment upon the inside wiring was being made and two of the directors located at Lehigh asked me what could be done to remedy the dissatisfaction of this branch of the work. I personally visited two of the places ^{to} of which these directors took special exception and in my judgement the work was of a character that you would not have accepted under any circumstance - Considering the

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

1883-07-31

OFFICE OF STATE MANAGER.

R. B. SHAW,
STATE MANAGER.

No 2-

WILLIAMSPORT, PA., July 31st 1883

price charged. and I so stated. I advised them to communicate to you the facts and assured them of immediate relief - I also suggested that they ask you to send a competent man to take charge of this work - and to state to you that they would furnish local men to assist such general superintendent - I left Scrubury the early morning train for Shamokin and there learned for the first time of the effect of the thunder storm on the Scrubury plant and also very exaggerated comments of the unskilful manner in which the inside wiring was being done at Scrubury - with inquiries from the Pasath and others of the Shamokin Co as to whether the same men were to do the wiring at Shamokin - I made the same suggestions to them as I had to the Scrubury directors. And at their request wrote you my letter of the 24th inst - asking for a man to come immediately to Shamokin and commence inside wiring. I do not understand that either the Scrubury or Shamokin Co. or either of their officers or myself have done more than to make this request which might be termed

1883-07-31

EDISON ELECTRIC LIGHT.
CENTRAL SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

E. B. SHAW,
STATE MANAGER.

3rd page

WILLIAMSPORT, PA., July 31st 1883

a suggestion for relief from unsatisfactory and damaging work. Personally I do not set myself up as an electrician, but I am intensely desirous of neat and satisfactory work, particularly that portion which comes under the eye and reaches into the pocket of the consumer. These plants are as you understand the advertising mediums for a large no. of towns that I now have under way. And therefore I feel a deep interest in their complete success and approval by the local people. Your letter makes me seem a kicker on general principles. I have not endorsed any rumors or reports of the Scrubny plant nor have I criticized any part of the work done by the Construction Company. I may be over zealous and unwittingly make many errors, but I should like to be chastized upon grounds worthy of some chastisement. The only sin that I can discover that I have committed is, that I have advised that both The Scrubny and Shamokin Co should consult you before

1883-07-31

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

E. B. SHAW,
STATE MANAGER.

Vol. 4-

WILLIAMSPORT, PA. July 31st 1883

taking definite action. I requested you to suggest something to counteract the bad reports that were being circulated about the Lehigh plant. After I had stated the effects of the lightning on the plant - I meant by this to have you inform me by what means safety would be afforded to the consumers of light from danger by lightning - I found much more talk about this in Haverhill and Shamokin than I did in Lehigh - and I wanted some plausible story as to the cause and a perfect remedy - which I am sorry to say I did not get. I am in receipt of a letter from the Shamokin Co. by the evening mail, which accuses me of being personally responsible for their difficulty in cutting poles. I do not know what I shall be guilty of next. I shall however continue to use my best energies for the successful introduction of the Edison light in Pennsylvania. With kindest regards for a vindication of my acts - very truly yours
E. B. Shaw

P.S. - I Enclose Prust. Douty's letter. which you
will please return after having shown
it to Maj. Eaton. As soon as I ascertain
what my blunders are, will try to remedy
them in future.

1883-08-03

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

R. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA., Aug 3rd 1883

J. A. Edison.

Dear Sir

Yours of yesterday at hand & what I have just made arrangements to go to Bellefonte tonight to attend a meeting of the Edison Co there and will go from there to Cincinnati Ohio. by appointment with Stuart & expect to be absent several days. and for these reasons I will not be able to attend the meeting of the Insull & the Sunbury Company Monday night I hope however that they will be able to get things straightened out to the satisfaction of yourself & those selves.

Very Truly yours

R. B. Shaw

Nothing done with this

REC'D
No. 6
AUG 6 1883
FILE NO. 182

Form No. 1.

1883-08-06

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been specified by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within forty days after the sending of the message.
This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER SENT BY REVD BY CHECK
304 for no book

Received at 3 West 23rd Street. *6110* *Aug 6 1886*

Dan Dunbury Pa 6
To Date Carl Edison.
65 = 5 WA

*I can understand your telegram an hard off
shall be back tomorrow hope I can write
as shipped chesterkin by express today stop
bergemann shipping anything to brookton*

THIS TELEGRAM HAS JUST BEEN RECEIVED AT THE OFFICE IN
CABLE OFFICE. **3 West 23rd Street.** ALWAYS OPEN.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been specified by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within forty days after the sending of the message.
This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER SENT BY REVD BY CHECK

Received at 3 West 23rd Street. *Aug 6 1886*

Dated
To

on shamokin till I return
Samuel Insull

THIS TELEGRAM HAS JUST BEEN RECEIVED AT THE OFFICE IN
CABLE OFFICE. **3 West 23rd Street.** ALWAYS OPEN.

Form No. 1.

1883-08-06

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guaranteed against only by sending a message back to the sending station for confirmation, and the sender will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of bills paid thereon, and in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions stated above.

THOS. T. KERRICK, General Manager.

MORVIN GREEN *M. Green*

NUMBERS	SENT BY	RECEIVED BY	CHARGE
132	ABH	40	pd

Received at the WESTERN UNION BUILDING, 185 Broadway, New York.

Aug 6 1883.

Dated Shamokin Pa
 To Late Care Edison 67 Fifth Avenue
 Order today from Washburn & Moen Cliff
 Street three (3) Number Twelve galvanised Iron wire
 they to William Johnson Shamokin for all business
 I gave Johnson hundred dollars for his payroll pay
 switches for test lamps must be larger
 Samuel Russell

EDISON COMPANY FOR ISOLATED LIGHTING

Ask Maj. Eaton the well
AGENCY FOR
MARYLAND, WESTERN PENNSYLVANIA & DISTRICT OF COLUMBIA.

1100 Broadway
New York
Baltimore, Md. Aug. 6 1883

Mr. Saml. Insull

Dear Sir:-

A party of gentlemen viz, Mr. Bateman, broker - Geo. F. Douglass, atty. at Law, Ex-U.S. Senator - Wiley from Florida - a resident of this city but now remaining at Pittsfield, Mass. Mr. C. J. Bell, banker, whom you met in London and perhaps one or two others will probably meet in New York Monday or Tuesday of next week for the purpose of visiting 65 - Russell + the down town district - Greenek street, &c. They are all much interested in a Co. here and come on to see the rights + to talk the matter over with some of the officers of the Co. or with Mr. Edison. Mr. Bell tells me that you are offered to do anything you could for him etc. May I ask therefore if you will introduce the party

~~OK~~

1883-08-06

EDISON COMPANY FOR ISOLATED LIGHTING

AGENCY FOR

MARYLAND, WESTERN PENNSYLVANIA & DISTRICT OF COLUMBIA,

No. 5 Hoop Building, Lexington Street,

Baltimore, 188

to Major Eaton, Mr. Hartings and to Mr.
Eaton and to the people them about or
near your place. Do not let them come
back without seeing Rorelle. I find
that place is a much better im-
provement than I had st. station.

Yours very truly
Remy A. Clark.

[TO WILLIAM F. BREWSTER?]

1883-08-07

Mr. Brewster,
Your note of July 30th. came while I was absent on a business trip. Do not know that there is anything for you to do just now. Mr. Kissell has just written expressing a renewed desire to go to Kansas. He is now in Tennessee making a canvass of that State. I will do nothing about canvass without first conferring with you. You ask about the St. Paul estimate. They tell me in Mr. Edison office that Mr. Wilson told Mr. Edison he could not do anything with St. Paul this Summer, and they have therefore put the St. Paul estimates to one side to be taken up at their leisure. I think you had better remain where you are at present. Doubtless a continued rest will benefit you, and you have my best wishes for your pleasure.

S. B. Eaton

August 7th. 1883.

per J.C.G.

45^m

August 7th / 83
W. F. Brewster
Mr Worthing up
the west

Delafield Wis Aug 7/83

My dear Sir

Did you speak to Maj Eaton
about an exploring tour that
- as you said you would
have been here 16 days &
have not heard a word from
him yet. Wrote Maj Eaton
ten days ago asking for
instructions; asking about
St Paul Estimates, and inclosing
letter from Kansas City.

I trust I will not be
considered a busybody,
when the final closing up
of business in the City
which I have negotiated
local Companies. When one
digs the bait, & hooks the fish
one likes to land it.

1883-08-07

If you get time, would
like to hear from you.

While I like to participate
with family, I feel as if
I ought to be at work.

With the assistance and
continuance of Major Eaton
and if possible myself,
I think there is but a
little doubt at least
the contract (not simply
to organize, but a contract with
you for Hunt) can be
closed this fall.

Should like to be posted
as to count, as I have not
heard a word from New York
since I left.

Sincerely yours
W. S. Brewster
Pho - Ad. Ed. Esq.
100 Fifth Ave. N. Y.



Edison Electric Light Company
AND
Edison Improving for Isolated Lighting.

1883-08-08
Box 3311, Boston, Mass.

Spencer Bodden, Manager
New England Department,
Fernald Building.

Boston, Aug 8 1883

Saml Insull Esq
65 - 5th Ave N.Y.

Dear Sir: I have a letter from Mr
Hobkinson saying he will go immediate-
ly to Norwich and attend to the matter
of which you wrote under date of Aug 5.
He will probably write
you the result of his investigations

Yours very truly
Spencer Bodden, Manager.
New England Dept.

OK

1883-08-10

Friend Edwin,
Nashville, Tenn., 8/10, 1883.
① I send detailed estimate, with wiring, apparatus, for
Stribling, ~~at~~ ^{at} Brooklyn, Th. Am. Co., etc. ② I also sent you complete, new
formula for air, guttles, & named to you. Maxwell. I regard Campbell during
my ~~visit to~~ ^{visit to} N.Y. ③ I wish you, etc. see Smith's prospect show in this,
Maxwell, house, from 8 to 10 o'clock every night, except Sundays,
they're religious "cusses", you know. For 2 mos. they're, by wiring their so-called
storage battery w. 20 Swan lamps. The battery is composed of one box 14" long, 2 1/2"
deep, & 1 1/2" wide, & other 88" long, 2 3/4" deep, & 1 1/2" wide; these are joined at ends,
& contain plates immersed in liquid. From several pairs of 2 givinal boxes,
run thro' 0000 copper wires, one comp. from other going to Smith are light
in street. This will go, you, some idea of fallacy of their storage system. Then
their meter, very like a gas meter, with small dial, shd. be sent to Bureau
& placed in cage with his own figures. With this battery & 20 Swan lamps
they're had a man here for several months, trying to make people believe
tht. this system surpassed yrs. in economy & convenience. Even went, this to
leadg. towns of Tenn., off'g. territory, etc., as inducement for capitalists
to invest. They're contracted to light, with this system & Swan lamps,
one of the largest dry goods houses here, soon to occupy the finest new (old)
building in Nashville. ④ Population of Nashville is abt. 45,000, 1/3
"niggers" & several districts for whites. Roads come to d. surface of the streets.
Owing to latter difficulty, making it expensive for paving, & so as to replace
by checkmate Smith Co., wld. it not be advisable to begin wiring, on, w.?
At present I'm endeavoring to get a capitaliz'd C. G. City, Co. of \$100,000,
but may not secure one of over \$50,000. ⑤ If you, DeLaird Co., will give
me all its bus. in Tenn., I think more Edison's, will be in Tenn., by far, than all
others combined. ⑥ I send you "Articles", etc. as you find them, only, if D. K. Russell, not.

L. R. CURTISS.

1883-08-10

D. RUDE.

CURTISS & RUDE,

DEALERS IN

HEAVY AND SHELF HARDWARE, IRON, STEEL,

Nails, Glass, Wagon Stock, Fence Wire, &c.

Mendota, Ill. Aug 10 1883
Mr. Thomas A. Edison
Dear Sir

Since your Mr. C. H. Cook
left here to day we have had an offer
from the city to the effect that they
will do the excavating on our central
station lot to the area and depth required
in a workmanlike manner and free of cost
their only compensation being the earth
to grade the street in front of the lot.
We therefore suggest that the item of expense
for ~~grading~~^{excavating} can be omitted from estimate

Very truly yours
Mendota Electric Light Co
L. R. Curtiss

RECEIVED
AUG 14 1883
ANSWERED

Aug 14 1883
FILE No.....

1883-08-13

Deafield Wis Aug 13/88
Thos A. Edison Esq
New York

RECEIVED
AUG 16 1888
ANSWERED

Dear Sir

Your ~~favorable~~ ^{favorable} favor of
10th duly recd & has my attention

One comy Major Wilem thinks
that his people will not want
to act this fall. One of the
conditions I named in proposing
himself & friends to other
applicants was that they would
be prepared to act "at once" if
estimated justified investment
(see document signed by them)

But I think Major W. personally
wishes to push his personal
enterprise first. But he
assured me in N.Y. that he would
push the St Paul & Minneapolis

1883-08-13

(7)

instalments first & before he
attempted to organize village
plants outside.

You ask me about the
Oreans. All I know is I
turned over a written offer
from Capt Geo. W. Roffinger
(The Hastings answered it)
I believe according to his
request. I have lately
written Capt. B. O. Southern
Hotel St Louis, but have
as yet no reply.

As to Southern Cities I
should judge that their
heaviest capitalists would
be worth now. But I am
ready to go there or elsewhere
where I can do the most
good. However it is not for

③

me to make suggestions.

St. Louis contract can no doubt be closed in September unless unforeseen circumstances prevent. Louisville I had thought could be best closed during the Exposition Boom.

Have recently had some correspondence about Kansas City. I have forwarded a letter to N. York in regard to that City. I thought the Southern States were assigned? You speak of Atlanta, Galveston, etc.

If we can show a statement with dividend of Central Plant in N. York, it will be a great help in closing other contracts.

I remain
Yours,
J. B. Brewster

1883-58-14

Form L.

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE,

New York, ¹⁴th Aug 1883

S. Beaton Esq

President

Mr Edison informed me
some time ago that Mr. Webster
had decided not to go ahead
on Minneapolis & St Paul until
next Spring as it is impossible
for us to get Hawks installed
in those places before the
frost comes. We have therefore
dropped work on these two
towns until we have spare time
and we might in doing this

Saml. Beaton



Edison Electric Light Company
AND
Edison Company for Isolated Lighting.

1883-08-16
Box 3311, Boston, Mass.

Spencer Gordon, Manager
New England Department,
Herald Building.

Boston, August 16, 1883.

Mr. A. Edison, Esq.

Dear Sir:

Your favor accompanying the Pittsfield plan came duly to hand, and I will send same to Mr. Kerosian by hand of Mr. Stokely early next week. I think it better to let S. go there, look up the matter of lot with Mr. N. and report immediately back to you.

I have a very encouraging letter from Drilling this A. M. I think they will organize there within a few days and you will get the order to go right ahead.

Yours very truly

Spencer Gordon, Mgr.
N. E. Dept.

THE EDISON ELECTRIC LIGHT CO.
65 FIFTH AVENUE.

1883-08-19

New York, Aug 19th 1883

Why don't you ask Major
to let you go to
Edison's office
I start on packet
Thos A Edison
New York

RECEIVED
AUG 23 1883
ANSWERED

FILE NO.

Dear Sir

I sent a letter to the
Major today from Capt Buffinger about
New Orleans & St Louis. He will be in
New York about Sept 1st to 5th & I hope you
will see him when he comes.

I have written the Major that I should
like to see the Louisville display so as
to describe it to those I see in his behalf
I suggested meeting him there & talking
him to St Louis & Kansas City. He talks
of lending me to Denver.

I would hardly like to go to Mobile
Galveston & far South until after Yellow
Jack season is past & first frost.

I ought not to be misting out here
devoting my time catching 5th Base
Yours friend
Drewster

Can't stop up
see Buffinger's letter

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following messages. It does not insure against loss, fire, theft, or any other cause, and it is not responsible for any delay in transmission or delivery of messages. It is not responsible for any delay in the receipt of messages. It is not responsible for any delay in the receipt of messages. It is not responsible for any delay in the receipt of messages.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President

NUMBER 144 SENT BY J. B. Shaw REC'D BY GIBSON

Received at 852 BROADWAY, 791 BROADWAY. Aug 22 1882-3

Dated J. Williamsport, Pa

To Jas. A. Edison

65 - 5th Ave

Have you got diagrams of my report lots can we have the Estimate this week what about Bellefont Estimate

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent. DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following messages. It does not insure against loss, fire, theft, or any other cause, and it is not responsible for any delay in transmission or delivery of messages. It is not responsible for any delay in the receipt of messages. It is not responsible for any delay in the receipt of messages.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President

NUMBER SENT BY REC'D BY CHECK

Received at 852 BROADWAY, 791 BROADWAY. Aug 22 1882-3

Dated

To

Answer J. B. Shaw

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent. DIRECT WIRES.

1883-08-28

Form L.

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE,

New York, Aug 28 1883

W. Arthur Co.
City

My Dear Sir:

In reply to your favor of this morning, I regret exceedingly my inability to comply with your request today, but will certainly send you a cheque on or before Saturday.

Trusting this will not inconvenience you, and again expressing my regret at not being able to respond in a more desirable manner.

Yours very truly

Samuel Insull

1883-88 74

Mendota Ill

August 1883

Copy

We the undersigned agree to make a trial, in our houses or places of business, of the incandescent electric light, as soon as it can be furnished by the Mendota Electric Light Co. and agree to continue the use of the light if found satisfactory, provided the cost for the same illumination does not exceed that of gas at \$2.50 per thousand feet.

Names		Last year gas bill
P. H. Cooper	clothing store	150.00
J. Grzechinski	dry goods	90.00
P. H. Gordon	clothing factory	35.00
P. Dix	clothing store	36.25
Schuyt & Humphreys	grocery	55.00
A. M. Dewey	ams & apt	50.00
H. W. Clark	saloon	36.00
Brad & Nolan	meat market	30.00
J. Milnor	saloon	40.00
Kuylen & Karp & Co	grocery	104.94
Kuylen Smith & Co	saloon	104.23
Sturtis & Knoll	hardware	50.00
Kohl & Klein	shoe store	84.00
W. C. Cummings	grocery	35.00
W. Krause	restaurant	20.00
A. H. Ruzick	printing office	18.00
Dr. T. Scott	dry goods	80.00
Max A. P. Haas	drugs	95.00

AUG 14

1883-0814

Wm Price	stoves stoves	350.00
James Thompson	barbush	25.00
Schmitt, Bannum, & Linsen	grocery	60.00
Schmitt, Bannum, & Linsen	salom	40.00
Friedemann & Fruebing	clothing	31.00
D. Frank & Co	clothing	35.00
Geo. Schuetz	drug store	55.25
H. L. Mason	jewelry	45.50
H. J. Clark	oil mill	90.00
Schuetz & Beunison	drug store	124.85
C. Ruedy	grocery	60.00
Mrs. M. Edwards	hardware	50.00
Ed. Heisman	billiard room	144.00
Adams Kluyfa	barbush	36.00
F. P. Snyder	law office	10.00
C. W. B. Clark	hardware	50.00
C. Heuring	brewery	100.00
P. Erlenton	hardware & groceries	50.00
C. Huss	shoe dealer	25.00
Larson & Peat	meat market	35.00
C. John & Son	dry goods	61.75
Ad. Otto	jewelry	60.00
H. Harbaugh	grocery	36.00
H. C. Andress	post office	24.00
John Rieckert	salom	148.58
Shawman & Kieselbach	printing office	27.00
Pitstick & Harbaugh	shoe store	75.00
Samuel Hastings	drugs	50.00

Wm W. Sprinkle	news room	30.00
Mrs. S. C. Judson	billinery	40.00
Edgar Bennett	variety store	50.00
J. K. Rice	stor shop	10.00
F. Wierschendorf	salon	85.00
S. P. Hox	restaurant	25.00
Peter Kreis	barber stor store	30.00
E. D. Taylor	garage hotel	346.20
Michael Bloram	meat market	25.00
A. Womby	grocery	80.00
W. Womby & Burkhout	Washington hall	also 29 gas gals
Geo. Fry	salon	40.00
Chas. L. Rogue	grocery	30.00
W. Herinberg	grocery	30.00
R. W. Heapfy	grocery	20.00
Lutz & Sontag	salon	30.00
Weldon Gorman	salon	24.00
Phredon Stotach	restaurant	25.00
Jacob Miller	Process Store	24.00
J. Henni	toasted	35.00
X. Polk Salom	salon	38.00
Fred Williams	salon	37.00
E. B. Carpenter	residence	30.00
Ed. Lavin	residence	24.00
J. W. Edwards	"	25.00
G. Herring	"	24.00
G. Fischer	"	30.00
A. Scan	"	25.00

1883-08-14

J. Kobrus	residence	35.00
H. S. Clark	"	28.70
R. H. Hobbin	"	20.00
E. T. Cook	" & office	36.00
Max R. H. Hones	residence	30.00
R. H. Ruggles	"	30.00
R. H. Ruggles	evening paper for press	25.00
Lawson Leant	residence	30.00
E. A. Bowen	residence	50.00
Simon Lee	"	35.00
J. D. Town	"	20.00
Eli Cummings	"	20.00
W. G. Cummings	"	20.00
R. P. Shipley	"	15.00
J. R. Curtis	"	34.00
F. Mischnick	"	28.00
P. Fong	"	20.00
H. M. Hones	"	25.00
J. X. Guils	"	20.00
Augustus W. W. Wood	"	20.00
P. H. Hones	column	36.00
Geo. Full	column	687.00

[ENCLOSURE]

AUGUST 28, 18

THE NEW GAS COMPANY.

PREPARATIONS FOR LAYING THE MAINS.

The superintendent of construction has arrived in the city and will in a few days begin operations. The gas is to be piped within three months.

Mr. W. P. Elliott, of Philadelphia, engineer of the United gas improvement company, arrived in the city yesterday to superintend the construction of the works and laying of the mains of the new gas company of this city.

Mr. Elliott will at once begin preparing plans and specifications and will the drawings and lay out the work of the company. No time will be lost and all work will be pushed forward with all possible haste.

The works will be located on Montgomery avenue, near the Wason car works, and their erection will begin in a few days.

The company have already six hundred feet of pipe on hand and the remainder will be supplied as an early day. The distribution of the pipe will be made this week, and laying will begin before Saturday, the weather permitting. Mr. Elliott says the company will be ready to supply gas within three months.

1883-09-04

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages on all of conditions limiting its liability, which have been accepted in by the sender of the following message. Errors can be guaranteed against only by repeating the message back to the sending station for comparison, and the company will be held liable for errors or omissions in transmission or delivery of the message beyond the amount of rate paid therefor. In any case where the claim is made within sixty days after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender. *11300* *12/11/83* *3*
THOS. T. ECKERT, General Manager.

NUMBER	SENT BY	RECD BY	CHECK	FILE No.
<i>a 97</i>	<i>w c d</i>	<i>12 paid</i>	<i>11300</i>	<i>12/11/83</i>

Received at the WESTERN UNION BUILDING, 196 Broadway, New York, *11 left* *1883.*

Dated Williamsport Pa
To Thomas A Edison 65. 5th avenue

*Will you please wire when Williamsport
& Bellefonte Estimates will reach me*

P D Shaw

1883-09-04

EDISON ELECTRIC LIGHT.

CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

RECEIVED
SEP 6 1883
ANSW. REC'D

OFFICE OF STATE MANAGER.

R. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA.

Dep. of 3
1883

Thos. A. Edison
New York City

*Have you had the
data for Bellefonte
now
Dear Sir*

Your favor of yesterday at hand
I earnestly hope you will be able
to give me the estimate on Bellefonte
this week I am anxious too for
Williamsport estimate, there seems to
be a new and strong local element
here in favor of the Edison light
and they want stock just as soon
as we know what our capital will
be and without the estimate we
cannot increase our capital

Truly yours
R. B. Shaw

P.S. A Committee from Liffen Ohio will be
at Lumbury on Thursday and I expect
to meet them there. again
R. B. Shaw

1883-09-04

EDISON ELECTRIC LIGHT COMPANY EDISON COMPANY ISOLATED LIGHTING



NEW ENGLAND DEPARTMENT
HERALD BUILDING, SPENCER BORDEN, Manager
BOX 331, BOSTON, Mass.

Boston, September 4th, 1883.

Thos. A. Edison Esq.
85 Fifth Ave.
New York City.

RECEIVED
SEP 5 1883

OK
FILE NO.

Dear Sir:-
Your favor September 3rd, at hand. The Worcester plan has not yet arrived, but will receive attention as soon as it comes to hand. The North Adams matter is having attention, and the Pittsfield plan is in hand of Mr. Kernochan, who will perhaps reply directly to Maj. Eaton, being a friend of that gentleman, and between the two there being a friendly correspondence. If the plan comes first to this office, I will see that it goes directly to you.

In regard to the matter asked about in the letter of August 31st, written by Mr. Insull, I beg to say, that although there may be doubt about the Fall River business being closed, anytime before its consummation, the executive committee are very anxious that it should be closed this week, and have called for an assessment of \$20,000 to be paid in, on the 20th inst.

1893-09-04
2.

In my opinion, the Ansonia Brass & Copper Co., if they are the parties from whom you intend to get your ^{best} copper, should be allowed to shut down until this matter is settled, as they will surely be called on to furnish the material for underground conductors, and all delays should be avoided in this Fall River business.

Handwritten: I return herewith, letter of Eugene L. Sanders. I am very sorry for any young man who has so fine an opinion of himself and cannot get himself appreciated at his own valuation, by the world. *Handwritten:* Crushing tragedians are objects of great interest, but as Mr. Sanders does not want to buy any Edison lights, I am afraid I shall have to refer his case back to you.

Yours very truly,

James Gordon, Manager.
J. E. Dept.

[TO MILTON F. ADAMS?]

T. A. EDISON,
65 FIFTH AVENUE.

1823-09-06

Enroute
Indor & Co - about Condenser
our exhaust = They do the heating
of Navario flats =

9 months
1/2

New York, September 6th, 1883

Wants firm Estimate

Richard Adams:-

through Navario Flats by the way of the
My engineers have worked out the estimate pretty

carefully, and I think it is within three or four per cent of
being correct.

The total cost is (with ten per cent added to pay the
Illuminating Co. for the right) \$99,950. This includes wiring of

all the flats for about 11,000 lights, also wiring for telephones
and district telegraph call to a central station in the flats,
the furnishing of switch board and fitting up central station, but
without the telephones, which will have to be furnished by the
telephone Co. to furnish & put in all speaking tubes &

Candlelight
The electric light plant will supply at one time 4,000 ^{ten}
lights, each equal in illuminating power to the ordinary five-foot-

burner, supplied with coal gas, the electric burners giving as
phical illumination ~~which is about equal to 5 foot of coal gas as~~ *being plain*

can be forced on occasions to 4,500 lights. *The Illuminating Co*
this and ~~average~~ the life of the lamps shall be ^{average} 1,000 hours,

when they are run at their rated power, and also that ten lamps

will be obtained for every indicated horse power. ~~W~~

hence ~~at once~~, and the electric light would be ready to light the

See p. 10 of the record

1823-09-06

2

first apartment.

The running expenses would be about as follows:-

DAILY.

Electrician and meterman.....	3.50
One engineer, seven months }	4.20
Two engineers, five months }	
One fireman.....	2.00
Coal 4 lbs. H.P. per hour at \$4. being	
2 $\frac{1}{2}$ tons year round.....	9.00
Oil, waste.....	.50
Water.....	1.60
Lamps at \$1. each.....	15.00
Insurance.....	1.50
Depreciation (long).....	11.50
Repairs.....	1.50
Stationery.....	.30
Meter supplies.....	.25
Fire grate bars.....	.20
Taxes.....	4.50
Carting ashes.....	.25
Extras.....	2.00

\$57.80

Above based on a daily average of three hours use of the
4,000 lamps during the year.

Taking into calculation that parties be absent two months in the year and that only 4,000 out of 11,000 lights is figured on, it is believed this average is correct.

Adding five per cent interest on say 100,000, which for 365 days is \$13,60 per day, the daily running expenses will be \$70.90, or \$25,878.50, yearly.

4,000 burners burning equal to five cubic feet of coal gas would be 20 Ms per hour or 60 Ms per day of three hours average, the running expenses being \$70.90 daily, would bring the cost of each H equivalent to \$1.18. Buying gas at \$2.25, would make a loss of \$64.10 a day to the occupants of the flats.

Interest at five per cent being already allowed, this \$64.10 would pay twenty three per cent more on the 100,000, or altogether twenty eight per cent on the investment, and the investors would obtain a vastly superior article.

Very truly yours,

T. Alden

with
128 apartments the would be \$750. for each investment
+ light bills would be about 16th per month

1883-09-06



NEW ENGLAND DEPARTMENT.

BOX 3311 BOSTON, MASS. HERALD BUILDING. SPENCER BORDEN, Manager.

Boston, September 6th, 1883.

T. A. Edison Esq.

65 Fifth Ave.

New York City, *Sept 5/1883*

Dear Sir:-

RECEIVED
 SEP 7 1883
 ANSWERED
 FILE No.....

TELEGRAMS

Your telegram asking for Dean, was received at this office yesterday, but absence from the city prevented my answering it before this morning. Dean is now engaged finishing up some of the business of the Bergman Co., and I can hardly spare him until this is done. I have sent to Brockton this afternoon, two equally good men, and have no doubt they will answer your purpose quite as well as Mr. Dean would.

Yours very truly,
Spencer Borden, Manager.
 New England Dept.

*40700 2121
 2 2 2 2 2
 2 2 2 2 2*

1223-C9-06

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

R. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA.

Sept 6th 1883

Thos. A. Edison
N. Y. City

Dear Sir,

I send you by this mail
the Bureau map with location
of low marked station.

Yruly yours
P. B. Gray

RECEIVED
SEP 7 1883
ANSWERED
✓
FILE NO.188....

Dear Edison,

Kansas City, Mo., 7/9, 1883. ¹⁸⁸³⁻⁰⁹⁻²⁷

① I want to go, Washington 24th, work you 4th, 7th, Washington 26th, 27th know you. you. I have
nothing to say, they are good, better, you. I must go. ② I go to St. Joseph to-
day, as I can't, unless you will. ③ I understand, all, accept the arrange-
ment of Miss. Co., as Mr. Wilson suggests, or remain in this camp, as you may
prefer, but pl. retain Texas for one this fall or winter. ④ My impression now
is that you will do well in this territory. ⑤ Do let me know, you, or Mr. C. be advised as you. C.S.
Jew, has decided to us by you. Supt. of C.S. Mass. Truly, J.P.S. Cassell.

What is it K wants
to know get his
correspondence together &
lets settle him

EDISON ELECTRIC LIGHT.

1883-09-08

SEP 11

CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

Sep 11 3

OFFICE OF STATE MANAGER.

OFFICE OF STATE MANAGER.

WILLIAMSPORT, PA. Sept 8th 1883N. A. Edison
66-7th Ave. N.Y.

Dear Sir

your favor of 6th ult- received yesterday
 I have ^{the estimate} ~~comped~~ ^{comped} for the matter to
 be pushed ahead as soon as ~~they~~
 as received I am compelled to go
 to Cincinnati. Thought but return to
 Penna. during next week everything
 however will go forward ~~forward~~
 the Oil City promoters. say that they
 will have there many all ready to
 go a head by Sept-15th. I adopted
 the plan of first having all the
 money raised and I think we will
 have less trouble in future I am
 quite sanguine that I can place
 the Shamokin Bonds among the local
 people and am going to try it - on
 at once as I return I send you

This mail copy of Breakfast
Table I think the con is
fairly static and it will
do us much good up here
I am more than intered over
the success of the Sunday plant
I am confident that Shamokin
will be still better. And then
you will have to increase
your Ching capacity sure
I write in great haste as I
go west on a P.M. train

Thank you
P. B. Shaw

46
Sept. 18, 1892

P. B. Shaw

is going to

Concinnati

to night

THOMAS A. EDISON,
Central Station, Construction Dept,
No. 65 FIFTH AVENUE,

1883-09-11
Form L.

New York, Sept. 11th. 1883

J. H. Carpenter, Esq. Gen'l. Freight Agent,

XXXXX. N. K. Ws.

Plymouth, N. H.

RECEIVED

SEP 14

FILE NO.

Sup 14/13

Dear Sir:-

Will you please send me a tariff from which I can obtain information in reference to rates to Haverhill, Mass? I expect to ship a lot of heavy material, such as engines, boilers &c. to that place within the next few weeks and I would like you to quote me a special rate in carload lots and per hundred pounds.

The machinery will all be boxed and the weight of the material will be about 130,000 lbs.

Very truly yours,

Thos. A. Edison

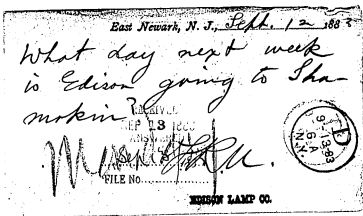
Thos. A. Edison
Chf. Eng.

Our Co. does not reach above point & I would refer you to W. J. Kenner Esq Boston Maine RR Boston 11/11/83



(initials) J. H. Carpenter
E. J. W.

[TO SAMUEL INSULL]



1883-09-12

Form L.

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE,

New York, Sept., 12th, 1883

Major S. B. Eaton,
City.

Dear Sir:-

I am in receipt of a letter from Messrs. Harris & Robinson, under date of September 11th., asking us to make a canvass of Norwalk, South Norwalk and Waterbury, and shall be glad to know if we have your authority to go ahead and do the work?

Yours truly,

Thomas Edison
— J. —

JOS. STRUTHERS.

H. D. SERVOS.

1883-09-13
E. D. W. BOUTWELL.

STRUTHERS, SERVOS & CO.
RELIEF LINE ENGRAVING AND FINE ELECTROTYPING,
MAPS, DIAGRAMS AND COLOR PLATES,
32 & 34 FRANKFORT STREET,

FINE COLOR PRINTING
& SPECIALTY.

New York, Sept 13th 1883

Thos. A. Edison Esq
City.

Dear Sir. Yours of the 7th
inst. is hand. recd. would have been answered
before but we did not have the maps on hand
& have endeavored to get them for you but with
only partial success. The maps of Norwich
we enclose, the Haverstraw map we do not
think can be had, although we understand there
was one included in an Atlas published in 1876
by F. H. Sears, 36 Vesey St, City.

Very Respectfully
Theodore Servos Esq.

Mr. Edison,

1883-09-14

I have written these parties as I mentioned to you
yesterday morning, to see if they can get the local people to
bear this expense, either in whole or in part.

S. B. Eaton

Sept. 14th. 1883.

per Mc.G.

P. A.

1823-09-14

MORGAN HOUSE

SEP 18 1893

J. C. GRIGGS, Proprietor.

Sep 18 1893

CORNER MAIN AND CATHARINE STREETS

FILE NO

Doughkepsie, N. Y. Sept 14 1893

Friend Russell I promised
 Mr Hudson Taylor, Pres
 of the City National Bank
 here and Mr Bates, Pres
 of the Blueback Savings
 Bank, Rhinebeck N.Y.
 that I would get them
 each one of Mr Edison's
 pictures with his auto-
 graph, knowing that I
 could depend upon you
 to do it for me. Can't tell
 much about the business
 yet but it
 looks very well. Mr Taylor
 has taken me under
 his wing introduced me

1823-09-14

MORGAN HOUSE

J. C. GRIGGS, Proprietor.

CORNER MAIN AND CATHARINE STREETS.

Doughkepsie, N. Y.

1893

to everybody. You gave me
 the entire to his Club
 which is composed of the
 best men in the city in-
 vites me to make myself
 at home in his office
 in the Bank, and has
 made things very pleas-
 ant for me in many
 ways. Met half a dozen
 people at the Club on
 Wednesday night, among
 them Mr David Pratt's two
 Supreme Court Judges one
 General and the Mayor
 and talked until 12 o'clk
 at their request we saw
 Governor Taylor, Edison
 and his work, and at the

1883-09-14

◇ MORGAN HOUSE ◇

J. C. GRIGGS, Proprietor.

CORNER MAIN AND CATHARINE STREETS.

Doughkeessie, N. Y. _____ 188

conclusion, the Mayor (who
is Pres of a College
here) said that he had
seldom if ever heard a
business scheme more
plainly set forth or
in better language and
the judges agreed with
him.

How is that coming
from a College Pres
to a cheap agent of a
struggling Co. I shall go to
Newburgh tomorrow and
hope to find the estimate
awaiting me.

The Mayor
told me that he thought
he could assist us in

the matter of the city
lighting if we succeed
in getting a 2. per cent
of here, which is quite
an item amounting to
\$ 27,000 a year
Yours faithfully
James J. Quinn
Chairman

Sept 14/73
L. J. Quinn
Mr. Campbell
New York
outside of New York

1883-09-20

Providence R.I. Sept 20/83
RECEIVED
HARRIS & CO. - Clothing
Sept 21 1883 - Piquette Ave
New York
FILE No.

Dear Sir

This was introduced Mr. Lee
Ross Esq. Genl. Manager of the Merchant
Co. of Providence, R.I. of Boston he is also
Genl. Manager of a Company in Dutchburgh
Mass. I have been considerably con-
vulsed with your relations to the
introduction of the Edison light in
Dutchburgh. I can find no gain for
positive information which I have in the
plans to give this object I trust your
word afford some such attention in
your land

Yours Truly
W. J. Hayes
Genl. Mgr

1883-09-21



NEW ENGLAND DEPARTMENT.

BOX 3311, BOSTON, MASS. HERALD BUILDING. SPENCER BORDEN, Manager.

Boston September 20th, 1883.

T.A. Edison, Esq.
65 Fifth Ave.
New York City.

SEP 21 1883
SEP 21 1883
FILE NO.....

Dear Sir;-

With regard to the prices of land for central stations in No. Adams, Worcester, Pittsfield, Portland and Spencer, I beg to say, that I have made inquiries concerning price of land in North Adams, but have, as yet, received no answer. I will forward information to you as soon as I receive it. The Pittsfield matter is in the hands of Mr. Kernochan, and Worcester and Spencer, Mr. Stickney has in charge, and will let you have the necessary information, as soon as possible.

Regarding Portland, Mr. King, the gentleman holding the promoter's contract for that city, is looking the matter up, and will no doubt, communicate with you before long.

Yours very truly,

Spencer Borden, Manager.

per K.

40

1883-09-22

D. W. GROSS & SON,
DRUGGISTS AND APOTHECARIES,

119 MARKET STREET,

Hamden, Sep 22 1883

Mr Edison

Shamook

My dear Sir, We kind want
to advise you that you have long been
in poor health, and that a
trip of 1000 miles is
not for you.

Yours truly
W. G. Dull

Write //

W. G. Dull -

Had to leave Shamook
to go to Brockton Mass to

Shut station, Shamook
in running better wait ten
days until they get more cars
that you can take your friends there
Edison

1882-09-23

WM. R. ALLEN.
THOMAS BRESLIN.

The Southern

IS THE MOST THOROUGHLY FIRE-PROOF HOTEL IN AMERICA.



The Entire Frising of the Basement is formed of BRICK ARCHES.
Laid in English Portland Cement.
The Entire Interior Construction of IRON, CEMENT & CONCRETE.
NO WOODEN PARTITIONS OR LATHING.

J. M. BRESLIN,
CHAS. B. WARNER,
WM. R. ALLEN,
Engs & Truss.

Building Four Inches of CEMENT ON IRON BEAMS.
FOUR IRON STAIRWAYS From Top to Bottom.

No Exception to this THOROUGH FIRE PROOFING in any part of the Building.
The Insurance is reduced by its solidity to ONE DOLLAR OF INSURANCE On the Building & Furniture.

C. P. WARNER

THOROUGHLY FIRE-PROOF.

General Mgr

St. Louis, Mo.

Thomas A. Edison Esq
New York City

*no one has fallen
Llewellyn Park
Somerset Mass
Nov 11 1882*

My dear Sir
Capt Roffinger spent the afternoon with me. He wanted to see me in New York & so expressed himself but they said you were too busy. He asks me how the elevation in New Orleans will affect underground tubes. There are no cellars in New Orleans & you strike water at 3 feet.

I depend very largely upon Capt R. to push matters through here. I sent a letter to Maj E. today explaining situation. His enthusiasm was largely abated. But I will do my best. We have got a lot anyway, which stands in Roffinger's name. I have time see my letter to Maj E.

New Book with Louisville Estimates be finished. Be sure to add Est. of Profits.
Has anyone seen Mr. Heald about Llewellyn Park lately?
Very Truly Yours
Wm. R. Allen

EDISON ELECTRIC LIGHT
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

R. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA.

Sept 26th 1883

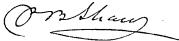
Thos. A. Edison
N. Y. City.

Dear Sir

Replying to your favor dated 25th at Shamokin
have to say, that I will go to Lewisburg this
P.M. and to Mount Carmel east of this week
at first of next. I have just this moment
received the Wmport & Bellefonte estimates
and have called a meeting of the Wmport Co
for Saturday have wired the Bellefonte Co to
know the date they can meet me. I regard the
Wmport estimate for 3200 lamps reasonable and
have no doubt but this is the one that Co will
conclude to install, I am of the opinion that
the Bellefonte people will prefer a 500 light plant
however I shall do all in my power to push this
through your way expect to hear from our room
in relation to both these plants.

Hazleton Pa. of which you speak I have already
stated shown by interesting Pondor who is personally
able to install the entire plant & not since the
Haskell I will visit when I go to Mt. Carmel.

Very truly yours



1883-09-27

BREVOORT HOUSE,

Fifth Avenue, near Washington Square,

New York, Sept 27 1883

My dear Sir
I was so let one
of your Clerks draw
up a detailed account
of the Central
Station, so that
I can tomorrow
evening be very well
lose time on the
more details, but
may discuss other
matters of interest.
Very faithfully

Richard D. Taylor

1883-09-27

Write that the Coalbrook plant with Bldg & everything put up completely was \$4,500. It is a 500 light plant. We have a 1600 light plant at Brownsville, Texas.

Matamoros Pa. Cost \$3,500
Also a No. 1 plant at Matamoros
Mass. Cost \$1,000
Electrician & Inventor

~~Send us~~ New York City
maps of both places
Dear Sir: ~~Stop~~ these are people
a ~~company~~ ^{Edison} is about
being organized for the introduction
of are system of electric
lighting in this city and
Matamoros Mex. One Central
station would be sufficient for
both towns as they are but a
mile apart. I notice from
Sunbury Penna, papers that you
have introduced your system
successfully in that town and as
the plant of that town would
be of sufficient size for both
Brownsville and Matamoros.
Would you be kind enough

to inform us of the cost
of that plant, and what
~~the~~ size engine & boiler you
are using there. we own some
Machinery here and as we are
about getting a new boiler we
might get one of sufficient
size to run a dynamo machine.
The Man at the head of
the present talk of Company
is not very likely to succeed
and if the light can be
introduced at a reasonable cost
we can get the support of
the principal men of both cities
& form a Company.

From what we have read
we think your system would
be preferable. There are
no gas Companies in either
City & the probabilities are
that a Company could do
well. We have not the
address of your officers or see

Should not annoy you
In case you cannot answer
our questions give us
some information on the
subject please send letter to
Secy. of your Co., & oblige.

Yours Truly,
Stigman & McCarty

Rd.

I am Manager of W.U. office
here and have some knowledge
of different systems but of
course not sufficient to put
up the ~~waffle~~ apparatus.
M. McCarty

1883-09-28

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

R. B. SHAW,
GRAND MANAGER.

WILLIAMSPORT, PA.

Sept. 28th 1883

Sept 29 1883
.....
Samuel Swell
N. Y. City

Dear Sir

Your favor making appointment for
Oct. 8th is before me I am pleased
to learn this fact, and will do all
in my power to get matters both
here in ^{and} Bellefonte for enough delay
to enable you to close up the contract.
I hope you will arrange your affairs so
that you can spend a few days with me
on the field of battle. Do not disappoint
in coming as I shall make my appoint-
ments accordingly

Very truly yours
R. B. Shaw

Form No. 1.

1883-09-30

THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following messages. Errors can be guarded against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or omissions in transmission or delivery of interrupted messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNRETRIEVED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOMAS T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
65	fah	53 Paul	1701

Received at **852 BROADWAY.**

Sept 30 1883.

Dated Prockton Mass 30To Pat Case Edison 65 Fifth av N.Y.

Send blue prints details drawings Saint Louis to Brewster Southern

Hotel St Louis immediately give Sherman ten dollars have one

ampere meter and one or two pressure indicators shipped here

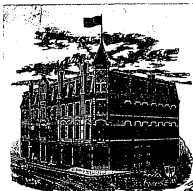
by express monday eve very important send old Census and

determination of Fall Run New Monday eve extra heat load switch

This telegram has just been received at the office in 852 BROADWAY just below Fourteenth Street, where any reply should be sent.

not received

DIRECT WIRES. Maull



1883-09-30
AMERICAN
PLAN.

HOTEL *
BELMONT.

BROCKTON, MASS.

K. McLEOD, MANAGER.

30th Sept 1883

My dear Pat

How about Hydrometers
for Brockton send
them immediately
They must be carefully
packed.

Did you send the
Hydrometers to Chauncey
If not they should also
be sent right away
Yours truly
L. Sull.

1883-09-30



CHAS. G. WHITE, President.
W. L. GARRISON, Treasurer.
W. J. JENKS, Manager.

Sunday
Brooklyn, 30th Sept 1883

My dear Pat,

Brooklyn Station
is a daisy. Rich deserves
the enormous credit for
the work he has done
& the work just set
the Construction Dept
up as a not contractor.
I would like to
ask you to send detail Station
drawings of St Louis Station
to Mr. Sherman Southern
Hotel St Louis; to give
Col Sherman \$10 to get
Benjamin to send his
some ampere meter &
some pressure indicators
if you can to send old
Fall River map & the documents.

Order from Benjamin
& Co 100 Johnson ^{Connecticut}
tells them to ship
50 to Sprague Lawrence
you have sent 50 here
Have you already
sent 50 to Lawrence
If so send the 50
more or about
making 100, & leaving
us 50 on hand, for
future disposition
hook up Lawrence

1883-09-30



CHAS. G. WHITE, President.
 W. L. GARRISON, Treasurer.
 W. J. JENKS, Manager.

Brooklyn, _____ 188

judgy & see that all
 the electrical stuffs
 gone forward. Sidney
 Judicator for here
 wise audacious asking
 him how many Messrs
 Judicators he would in
 addition to those he now
 has & let Benjmann know
 12 were originally ordered
 but I am not sure whether
 that number will ~~not~~ be
 required or not -
 we want 8 Pressure
 Judicators here at Brooklyn
 & one Ampere meter.
 Those two test bank
 switches which Spangas
 ordered direct from

Bergmann have not
yet come to hand—

I do not think
I shall be back
before Wednesday

In the Bathroom
out of my office
there are some
Ladies & rather
Babies articles in
a Box & in a piece
of paper on the

1893-09-30



CHAS. G. WHITE, President.
W. L. GARRISON, Treasurer.
W. J. JENKS, Manager.

Bracklan, 188

Top of my Desk there
at some other stuff.
Have Robber put them
in a small parcel
& shipped to
Mr Joseph Insull
Vander
by express. Manitoba
You have put Kansas
tools at 74⁷⁵ for Fall River
I think \$192 is the net
cost for all tools necessary
\$2950 is a low price for
building don't you think
so.
Love any explanation
to me here
Yours
J. Insull

Form No. 1.

1887-10-01

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been recited to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the date is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
256	<i>Wick</i>	12 Paid	253

Received at **791 BROADWAY** Oct 1 1882.

Dated Brockton Mass
 To Date = Care Edison. 65-5th av. N.Y.
Edison must have questions and answers
of all kinds from printer immediately.
Insull

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-10-02

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been recited to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the date is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
177	<i>Cook</i>	22 Paid	1140

Received at **852 BROADWAY.** Oct 7 1882.

Dated Brockton Mass
 To Date Care Edison 65th av
Have authorized address draw one
days eight hundred dollars send
immediately special reports & non
conveys book to Wilbur Hotel
Belmont Brockton
Insull

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be repaired and/or rejected only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after receipt of the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER 150 SENT BY WED BY 1883 CHECK 732

Received at 852 BROADWAY, Oct 2 1883.

Dated Brockton Mass

To Late Care Edison No

No 65. 5 Ave

All Matter from printer must be

Sent for - world today Edison getting

impulgent send tickets attachable

to meter bottles Innuell

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be repaired and/or rejected only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after receipt of the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER 304 SENT BY WED BY 24 Pd CHECK 732

Received at 852 BROADWAY, Oct 7 1883.

Dated Brockton Mass 2

To Late Care Edison

65-5 Ave

Mailed signed checks till 1/2 hour Edison

won't be in New York this week I am

Just leaving for Fall River will be home

some time tomorrow Innuell

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-10-02

Mr. Edison,

An glad to read this letter. Seems to me he is canvassing a good many towns. Is it worth while to go to so much expense in advance of closing any contracts?

Regarding the catalogues, if you have not sent them Mr. Meadowcroft will give them to you at any time. Or I will send them myself if you wish.

S. B. Eaton

October 2nd. 1883.

Per Mc.G.

A. C.

*OK please send
the Catalogue to
Dy...*

E. L. GARDNER, President.

1883-10-03
L. E. MOORE, Treasurer.

THE PALMER SAVINGS BANK.

PALMER, MASS. Oct 3 1883

Respectfully

Sir:

I reply to your favor
of 24 ults.

I borrowed both axes and
other and one of the bottles
to which you refer.

You are at liberty to keep
them to complete your flock
of this place, allow me
to ask you to return some
to me so that I may return
them at your earliest convenience
and oblige

Yours

L. E. Moore

Form No. 1.

1883-10-04

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
316	M	K	Spauld

Received at 852 BROADWAY.

Dated: *Brooklyn Mass 4*
 To: *Saml Insull*
65 - 5 Ave

I shall be delayed here from want of questions answers etc to Edson

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-10-04

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
324	C. L. Dry	SPD	

Received at 852 BROADWAY.

Dated: *Brooklyn Mass 4*
 To: *Saml Insull*
65 - 5 Ave

Questions came but no questions with answers. hurry

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-10-05

Mr. Brewster,

Your two letters from Kansas City at hand. We will not wait for them to raise the money to pay for the canvass but will have a canvass made and then 'ry to get them to pay for it afterwards. I have asked Mr. Edison to send a canvasser and to notify you at Delafield of his going, so that you may either go to Kansas City, or may send letters of introduction to the right people.

S. B. Eaton

OKC

Oct. 5th. 1883.

per Mc.G.

Form No. 1

1883-10-08

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THEO. T. KEEHNT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
264	<i>C. H. Ward</i>		706

Received at 852 BROADWAY.

Dated *Williamsport Pa* *Oct 5* 188*3*

Sam Insull

65-5 am

Message received can wait till

written I go to Shamokin today

S. B. Shaw

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-10-10

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be avoided only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKHART, General Manager.

NORVIN OLKEN, President.

NUMBER	SENT BY	RECD BY	CHECK
226	Xy	h 49 Paid	176

Received at 352 BROADWAY. Oct 10 1883.

Dated Williamsport Pa
 To Jate Care - Edison - 65 - 5 are my
 shall be in New York tomorrow morning and get to
 Auburn today sure to Caracas town note on my
 desk an Edison writing gives parties whom he is to see
 must have tiffin thousand light estimate ready tomorrow
 hurry other estimates as I shall be away all next week

This telegram has just been received at the office in 352 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Incell

Differ, You didn't understand, or didn't ans. my I 3
 for 100 lbs. If you can put in plant for the amt. of tent,
 for the money, all h. after part of yr. ans. is satisfactory. The clea-
 trician I named, w. G. ans. as waterman, took
 few lbs + other ones, say, i. e., all h. force for 100 lbs.
 ma. See I 3, let. 10. And, first I of this posted by
 wire, in case you receive this coming Monday.
 Send telegram to this place. Truly,

Knoxville, Tenn.
 Oct. 10, 1883.

A. S. H. 19
 A. S. H. 19
 D

1883-10-13

Major Eaton,

We have ordered Dyer to Kansas City, and Mr Brewster informs us that it is very desirable that after Kansas City is canvassed New Orleans should be the next City to canvass. Inasmuch as Mr. Dyer will be so far away from home and the expense of taking him to New Orleans will be small as compared with sending a man from here, will you please give us instructions in relation to this matter as early as possible. We understand that Captain Borfinger is willing to pay for the canvass, although we have no official notification of this. It would also be well to have other southern cities canvassed before Mr. Dyer returns. I presume that if he canvasses Kansas City and then goes to New Orleans he could be ready to take up other towns after that in about thirty days.

S. Insull,

October 13th. 1883,

per J.

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

1883-10-13

OFFICE OF STATE MANAGER.

E. B. SHAW,
STAFF DRAWER.

WILLIAMSPORT, PA., Oct 13⁷⁸ 1883

Thos. A. Edison
N.Y. City

Dear Sir

At Hazleton Pa we have \$18750,
subscribed to the Capital Stock they
think they want a 1000 light plant
of 16 C.P. but have settled on 10 C.P.
They say they want to build their own
station if plans are furnished them.
had a long talk on this subject and
when I left they thought they would
rather give later the entire work
I wired Maj Estlin this morning to have
Cameron sent an at once can you
undertake to complete the plant by
Christmas, without extra cost how
soon can you have the estimate
after Cameron is made & how long
to make the Camera. I enclose herewith
a copy of resolution passed by the Belle
fonte Co. also three letters they say they

price of 1000. plant - to be their brother
John can I expect to receive the
500 light estimate for Bellfouth

Very truly yours

O. B. Shaw

27. 28. Shaw
in a co. for Bellfouth
15
Odate 13/8

Blank No. 2.

1883-10-15

PHILADELPHIA, READING AND POTTSVILLE
 TELEGRAPH COMPANY.
 CONNECTING WITH THE WESTERN UNION TELEGRAPH COMPANY.
 TO ALL PARTS OF THE WORLD.

This Company transmits and delivers telegrams only on justifying liability which have been assumed by the sender of the following telegram.
 Transms are to be made and sent only by repeating a telegram back to the originating office for correction, and this Company will not be held liable for errors or delays in the transmission or delivery of THE RECEIVED TELEGRAMS.
 This telegram is UNRECEIVED, and is delivered by request of the sender under the above named conditions.

FRANKLIN H. CONYER, President, PHILADELPHIA.		O. W. STANAN, Superintendent, READING, Pa.		
No. and Office Signal.	Check	Sent by	Received by	Time Received.
3DC 87 paid		R. D		5:00 P

From New York ny 10/10 1883
 To B and In case

Go Edison Electric Co
 all Comps shipped home by Swift
 vessels to day; Bergson has no
 bottles for help ordered them and will
 ship soon as received; Shuman
 people have extra bottles which
 they can have on intention what about
 payment machine works contract
 have letter from Foregue and I will
 receive Johnson have letter from
 Garrison on advise pending checks
 the cards for Brewster; Waymouth
 make concession our part and will
 present all feeling can give them
 understand they held responsible
 for proper receipts also express opinion
 you suggested yesterday

Date

Form No. 1

1883-10-16

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays after sending the message.

This is an UNRECORDED MESSAGE, and is delivered by request of the sender under the conditions named above.

THOS. T. KICKLEY, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED BY	CHECK
574	Ce	By	19 Oct

Received at 652 BROADWAY.

Oct 15 1883

Date November Paris

To Date, Saw Edison

65-5 Ave

Have dyer return mayevill after
through Kansas sent Jenks check
with Johnson hold machine work
contracts till I return

This telegram has just been received at the office in 652 BROADWAY, just below Fourth Street, where any reply should be sent.

DIRECT WIRES Insubl

1883-10-15

Shamokin Pa 15th Oct 83
Mr A. O. Pate

Dear Sir

I shall be glad if you
will have Randolph go into
the Brockton Aps & getting out
a statement of everything we
can charge outside of our
Contract. There are a number
of things which have been
ordered such as Services &c
which Jamison will pay.
The first thing is to get from
Kubisi a final bill ^{for Brockton} & tell him
that it must be final -

Also have Randolph
fix up our English Patent
App - He has promised to do so
half a dozen times & that is
as far as it has gone -
You had better hurry forward

1883-10-15 4

everything for Fall River - just
go for everybody & see that the
goods are shipped right away
write to Ausonia Brass & Copper
to find out when they will let
Kuhesi have the rods.

If Campbell is back just go
for him on my account & for
Gods sake see that some estimates
are got out.

This station is not so nice as
Prockton but the work done by
Audewes & Conant here is ~~far~~ far
ahead of the work done at Prockton
by Spelaged ~~etc.~~

There are three Ampere meters
here. I want you to find out
who ordered them - that is the
two extra - Audewes denies it.
Conant says Mr. Edson said he
should send them & Chamberlain at

1883-10-15

at the Testing Dept at Joud. It says
McLuscan told him to send them &
get our orders should go to Benjamin
& be filled by him as the Bills come
from him. Too many cooks spoil
the gravy

I have heard nothing of
money yet but will communicate
with you later about this

Yours truly

Samuel

1883-10-15

Mr. Small

I would not touch New Orleans at present. Let us be sure of St. Louis first. There is some doubt about getting up the Company there, the most of them wanting being disorganizing. Let us look in papers down to the lowest possible figure & not make canvases except when we are quite sure the money will come from it. If Capt. Buffinger will pay for the canvases that is a different thing. But if Buffinger fails in getting up the St. Louis Co. I will my doubts about his paying for the New Orleans canvases. Let me suggest that you

1883-10-15

2

write Brewster we will make the canvases if Buffinger will pay for it, but otherwise that we will not make if for the present.

Oct-15, 83. J. B. Cotton

per my

a

Form No. 6.

1883-10-15

PHILADELPHIA, READING AND POTTSVILLE
 TELEGRAPH COMPANY.
 CONNECTING WITH THE WESTERN UNION TELEGRAPH COMPANY,
 TO ALL PARTS OF THE WORLD.

This Company transmits and delivers telegrams only on conditions limiting its liability which have been specified by the sender of the following telegram.
 Errors are to be regarded solely by the sender and the original office of completion, and this Company will not hold itself liable for errors or delays in the transmission or delivery of UNREPEATED TELEGRAMS.
 This telegram is UNREPEATED, and is delivered by request of the sender under the above named conditions.

FRANKLIN H. GOWEN, President, PHILADELPHIA. O. W. STAGER, Superintendent, READING, Pa.

No. and Office Signal.	Check	Sent by	Received by	Time Received.
WDC	30	W	J	8:40 P

Special New York 14/15 - 1883

To Frank Stange

By M. Keeney

Can't do it without news
 unless we have one other southern
 to our connection of the Atlantic.
 Closed Stuart wires for
 another connection from Mayville.
 quick I shall I construct
 Super return through when
 through Kansas city. Did
 you get telegram sent well London
 this morning. Gate

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

1883-10-16

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following: Messages in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, and the company will not hold itself liable for errors or omissions after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
45	Cook	JPA	901
Received at 852 BROADWAY.			
Oct 16 1888.			
Dated <u>Mount Carmel Park</u>			
To <u>Late Care Edison 65-5438</u>			
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="font-size: 2em;">W</div> <div style="text-align: right;"> <p>Will be at office from this pm</p> <p>Inance</p> </div> </div>			

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

[TO SAMUEL INSULL?]

1883-10417
My Oct. 17/1883

Mr. Steley.

of Edison Es. L. Co.,

Dear sir Estimate and
other papers needed for
making up prospectus for
Plainfield not yet rec'd,
we are losing valuable
time, when may we
expect them in

answer please
to 35 Essex

Yours
James E. Brown
Care Paper Mill N. H.

Form No. 1

1883-10-18

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be corrected within only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

WES. T. FORTNEY, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
739	Coch	738	102

Received at 852 BROADWAY.

Oct 11 1883.

Dated Shamokin Pa

To Kate Love Edison 65 = 5 are

Mail me today 1 sample each size

New Cable Shop Conant fifty pounds

each sheet by express urgent hurry

bergmans or floayds orders.

In full

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES

Form No. 1

1883-10-18

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be corrected within only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

WES. T. FORTNEY, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
72	W. L. ...	1200	102

Received at 852 BROADWAY.

Oct 18 1883.

Dated Williamsport Pa

To Thos. A. Edison

65. 5 are

When will canvassers go to

Mountcarnel + hazleton

answer at my residence

J. B. Shaw

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES

Form No. 1.

1883-10-19

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be asserted against only by repaying a message back to the sending station for correction, and the company will not hold itself liable for errors or omissions in transmission or delivery of International Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an ENCRYPTED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

NUMBER

SENT BY

RECEIVED BY

CHECK

250 ~~249~~ m h

Lata

272

Received at: 852 BROADWAY.

Oct 19 1883.

Dated Newburgh N.Y.

To R. Dale Care. Edison 65-5th av

Cannot get back till late tonight attend
to letter. Regn those dictated to
Gilman will wire result later perfect.
Good J. N. Bull

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

THOMAS A. EDISON,
NO. 65 FIFTH AVENUE.

1883-70-19
NEW YORK

Date =

We have received several
Boxes & one Cabbin of Cable
wire - I have not unpacked the
Boxes but the Coil is Red
Colour. If its all this way
it is useless = It would look
like hell on a mans white
walls = I told Insull to
have it white = Investigate;

Edison

Respectfully referred to

Samuel C. Bayne

[Handwritten signature]

RECEIVED
OCT 19 1883
ANSWERED

FILE No. 135

[Vertical handwritten text]
S. A. Edison

SOLE AGENTS FOR
GEORGIA,
NORTH CAROLINA,
ALABAMA,
FLORIDA.

EDISON INCANDESCENT LIGHT.

AGENTS FOR
MISSISSIPPI,
LOUISIANA,
ARKANSAS,
TEXAS.

Agency for Cotton States

FOR ISOLATED LIGHTING.

HILL & JORDAN,

Estimates made for Complete Plants.

Louisville Ky
Columbus, Ga. Oct 22nd 1883Samuel Insull Esq,
Dear Sir

Your favor of the 18th inst containing check for \$250. is at hand. Please accept many thanks for the same. The amt due me on the first of Oct was \$150 instead of the amt of check sent, many thanks for your suggestion I shall heed it most certainly in the future -

I wish also to acknowledge the receipt of the photograph of Mr Edison the one sent you was the best that could be procured in New York and I did not feel that I could presume on your good nature enough to beg one so I must thank you most heartily for the better one and thank Mr Edison for

JOHN HILL, CIVIL AND MECHANICAL ENGINEER.

G. GUNBY JORDAN, TREAS. EDISON & PUESS MFG. CO.

SOLE AGENTS FOR
GEORGIA,
NORTH CAROLINA,
ALABAMA,
FLORIDA.

1883-10-24
EDISON INCANDESCENT LIGHT.

AGENTS FOR
TENNESSEE,
MISSISSIPPI,
LOUISIANA,
ARKANSAS,
TEXAS.

Agency for Cotton States

FOR ISOLATED LIGHTING.

HILL & JORDAN,

Estimates made for Complete Plants.

Columbus, Ga. 188

the autograph. Mr. Upton spent
part of Saturday with us and
expressed himself delighted
with the success of our display.
An express package addressed
to Mr. Clark came to day so
we look for more visitors.
Yours Very Truly
A. M. Doubleday.

Form No. 1

1883-10-23

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be remedied against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
166	Nyph	9A	107
Received at: 852 BROADWAY.			Oct 23 1883.
Dated Phila Pa 73			
To Late Care Edison No			
65-52 av			
Don't forget to get estimate for			
Lodgish from Edison			
Hence			

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-10-23

St. Nicholas Hotel,
European Plan,
E. K. Roth, Prop'r.

Cincinnati, 29th Oct. 1883

My Dear Pat,

I wrote you today
that I had closed Liffin
for \$18000. I have offered
to make a reduction
of 5% on Riqua provided
Brewer will give me
the Contract before I
leave here tomorrow;
& I have undertaken to
make a 5% reduction
on Middletown provided
he gives me the Contract
inside of thirty days.

This I think we can
afford to do as I think
the advantage of putting
them all in at once
would save us a good
deal of money & further

now I must say I have no faith in Campbell figures which in my opinion are altogether too high - I think I shall be able to close Equa tomorrow as parties from that place have come in tonight.

I read in the Ann. Commercial this AM. about the failure of the whole downtown Central Station. I hope it is not true. Anyway our people here had not heard of it yet & I hope to close Equa before they do hear of it. I have telegrams to me saying nothing about it.

I don't think I can get to houserville on Chicago. I shall go right

1883-10-23

St. Nicholas Hotel,
European Plan,
E. K. Roth, Prop'r.

Chicago, Ill.


1883

back to read you & I think I will get off by the Chicago limited leaving me in New York on Friday night. Please send up to my house all personal letters you may have for me on Friday at 6 P.M.

Yours truly

Sam Russell

Show this to Mr. L.

38 201-25/B 3/20/20 to A. Clark	No 1 11 50 No 2 " 584 No 3 " 758 No 4 337 2 No 5 2127	
	Feeder No 1 1/2 121 2 558 2 1/2 77 2 3/4 28 No 3 219 No 4 41	

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

1883-10-23

Form 2.

New York,

Oct 23 / 1883

J. Rosa Edison Esq
The Clarendon

Dear Sir:

The annexed telegram refers
to that map I gave you
one day last week at the
Laboratory - When may I
have it -

Yours truly

T. A. Edison

NIGHT MESSAGE.

1883-10-23

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond a reasonable period, beyond a reasonable period, beyond a reasonable period, beyond a reasonable period, beyond a reasonable period. This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
B 5267	Y	Pa	112 paid n/r

Received at Oct 23 1883

Delivered at New York 23 Oct

Samuel Insull, Care of Stuart, 65 1/2 Ave. New York

Tiffin determined on old lot for twelve hundred and eleven lights reduces estimate from nine hundred dollars. Determined on new lot for twelve party fixtures. This lot will cost four hundred dollars. Determined on seventeen hundred and five lights. New lot increases estimate one thousand and fifty dollars. Will have five extra complements as per telegram. Just no on his. Will send it to New York. If you see he must go to Louisville before he can bid on street installation. Will attend to Chicago street Edison letter. Will give me, goddard estimate tomorrow. Prouty letter will arrive tomorrow. Insull will wire contents above your address in case I want to send letter tomorrow on Tuesday.

Date

THE WESTERN UNION TELEGRAPH COMPANY.

1883-10-23

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond a reasonable period, beyond a reasonable period, beyond a reasonable period, beyond a reasonable period, beyond a reasonable period. This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
366	W	Pa	17 Pd

Received at 852 BROADWAY Oct 23 1883

Delivered at Harrisburg Depot Pa

To Date - Care Edison

65 1/2 Ave

Will give Care Stuart, Exactly
how Louisville stands hurry Chicago
estimates as I may go there Thursday
Insull

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRE.

23rd Oct 88. ¹⁸⁸³⁻¹⁰⁻²³

Chicago hunted
near Lancaster

My Dear Pat

Just had a bull
lunch in the Dining
Caw. This knocks
the spot out of
Shamokin eating.

I wired you
from Philadelphia to
be sure & get
estimate from
Mr Edison for

Col. Goddard. You
know what I refer
to. i.e. the Central
American estimate

Since I have got
on the train it
has struck me
that I might do
good by going to
Chicago & I shall
accordingly write
you from
Hancock telling
you to hurry Hicks

resumes. I hope
you will send
Racine to him today
Theriah to him
tomorrow. I shall
write him asking
if I can do anything
there for him. If
so & convenient
I can get through
at Linn tomorrow
I shall go to
Harrisville tomorrow
night & see him

about Louisville
Hot & then go on
to Chicago & see
Bliss which
would get me
back to New York
Saturday night

I hope you have
attended to following

Jenks wire

Arizona People

re Milan wire

re Newburgh wire

All Fall River

1883-10-23

3 material

My letters

Southington & Hunt^{for}
estimates

Tell Johnny our
Brookton A/C
Write to road
& ask him for
a check for
\$10000 on A/C
~~tell him you~~

would like to
have it ^{October 23rd} ~~Friday~~
today in ^{J. Inshall's} ~~children's~~
name ^{A. O. Tate}

~~Surrey~~ <sup>re - by going to
Chicago & Louisville
& surrounding area of
central Illinois to be done</sup> forward
all ~~Andrew's~~
material

Inshall

1883-10-24

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to be the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of toll paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

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THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
252 my			(2)

Received at _____ Oct 24 1888.

Dated _____

Could not give net receipts as they
don't know what they have
spent says shamakin men can run station
all night

Date

1883-10-25

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to be the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of toll paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

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THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
90	R	Ta	14 Paid

Received at _____ NY P Oct 25 1888.

Dated _____

To O O Date Highland Park

Member telegraphers of Ireland telegraph not correct
house where to go through here tomorrow
Mommy Raudolph

Form No. 1.

1883-10-25

THE WESTERN UNION TELEGRAPH COMPANY.

THE COMPANY TRANSMITS AND DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THEOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED BY	CHECK
76	N	W. H. Paid	NS

Received at 791 BROADWAY Oct 25 1883.

Dated Cincinnati O N
 To Rate On Gilman Care Edison
to 5 an
I leave for New York tonight
shall be at office Saturday morning
brace

This telegram has just been received at the office in 791 BROADWAY, near TENTH STREET, where any reply should be sent.
 DIRECT WIRES.

Form No. 1.

1883-10-25

THE WESTERN UNION TELEGRAPH COMPANY.

THE COMPANY TRANSMITS AND DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

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THEOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED BY	CHECK
76	N	W. H. Paid	NS

Received at WB 349 Oct 25 1883.

Dated Cincinnati O N
 To Rate Highland Bank
Miss receipt of afternoon
meeting I leave check for my
seven dollar closed register
Small

1883-10-29

Mr. Edison,

Here is Mr. Boffinger's letter saying he will pay \$300 for a canvass for New Orleans. I suggest tat you have the canvass made up for these terms.

He send his letter back to me as I wish to file it as evidence of his promise.

When you think you can send some one to New Orleans. S. B. Eaton

Oct. 29th. 1883.

per Mc.G.

A.

Handwritten notes:
22
B
McG
Eaton
Boffinger
New Orleans
Canvass

Handwritten note:
OK Insull when!

Form No. 1.

1883-10-30

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of fee paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
16	Cah	2088	94 -

Received at **852 BROADWAY.**

Oct. 30 1883.

David Alvordaleff Jr
 To Saml Inauell 65 5 5 5
 Fall River orders on my desk
 they should be sent out
 book checks in safe will
 try get in later at
 present too ill to leave

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES. Late

THE EDISON COMPANY }
FOR ISOLATED LIGHTING. }

1883-10-30
GENERAL MANAGER'S OFFICE,

85 FIFTH AVENUE.

Please address reply to the underlined.

Rollie A. J. Oct 30th 1883

Mr. Tate:
New York City:

Dear Sir:

I saw Mr Edison late yesterday and made all arrangements with him about going to Lawrence. It being late I immediately returned to Rollie to fix up matters here. I shall report at 65 Fifth Avenue early Thursday, Nov. 1st 1883 for full instructions.

Yours Respectfully
R. B. Cathey.

1883-10-30

Mr. Edison,

Mr Markle, of Hazelton, was here about the Hazelton
Co. He wants me to tell him just when the Hazelton estimates
will be furnished him. Are you willing to risk a statement as
to when they will be done? If so please tell me when I can pro-
mise them to him. But I beg of you not to name a day and dis-
appoint him, because there are especial reasons why I should be
sorry to have the usual disappointment take place.

S. B. Eaton

Oct. 30th. 1883.

per Mc.G.

Innocent Ans

THOMAS A. EDISON,
 Central Station, Construction Dept.,
 'NO 65 FIFTH AVENUE,
 NEW YORK.

1883-11-03 Form N.
 W. D. RICH,
 SUPT OF CONSTRUCTION.

Supplies Nov 24 1883

Address reply to Supplies Dept

Daniel Insull Esq
 65 1/2 St Avenue N.Y.
 Astoria Wis

I beg to submit the attached Bill - Matter and Explanation of the same for your consideration. The Bill marked 1-2-3 and 4 - cost \$850 was incurred by changing the position of engine so as to allow of 6 machines being placed in the engine room - the stove walls are protected making the room nearly two feet smaller in length. Give item of the fire of street also the location of exhaust pipe and fitting to the head of the engine which is to be put in - Cost of demolition

Engine foundation 6000 brickwork - 6000	Cost of 12 1/2	1200
Send \$600	Subst of 2500	3400
5 Mats \$12-50	Costing \$10 95	2345

Two foundation and frame of <u>1/2</u>		
Two brick walls of 17 \$51.00	2 frame set 250	7600
with ship to two		1000

Subst making changes & putting in <u>1/2</u>		2000
--	--	------

W D Rich
 Supt

THOMAS A. EDISON,
Central Station, Construction Dep't,
NO. 65 FIFTH AVENUE,
NEW YORK.

1883-11-03 Form No.
W. D. RICH,
SUPT OF CONSTRUCTION.

188

Address reply to _____

Material and Labor

lamp foundation

700 Brick @ 7.00	- Substrate - cement & sand @ 2.00	1400
Reinforcing Lamp in foundation		360
2-3/4" - 2" - 30 = 60	1-1/4" T - 1/4" 25	- 3-1/4" @ 110 = 17.50 = 126
1-1/4" glob valve 2.60	- 1-1" glob valve 1.20	380
2-1/4" Check Valve 1.25	- 3-1/4" 3/4 - 12 2.80	286
1-1/4" T - 1/2"	- 1-2 1/2" x 2" T 1.20	124
1 1/2" Dip 2" - 60 = 60	- 10 1/2" Dip 1" - 19 = 19.00	599
5" Dip 1 1/2" 2.1	1.15	13.50
		1440
		1169
	60 off	778
		1500

Gabe:

Material and Labor

Reinforcing Pipe to Radiators and around Hotel

3 1/2" - 1" Pipe - 19	2.20	- 2.2" 3/4" Pipe 1 1/2 2.50	442
2 - 1" 3/4" 15 2.25	- 1-1" x 3/4" 2.00	- 2-1" T - 1.10 2.20	90
1 - 1" nipple 2.50	- 1-1/4" valve 2.15	- 3-1/4" 3/4" 1.25	340
1 - 3/4" T 2.50			
	60 off		10
			1157
			712

Gabe:

lamp foundation upon 200 high Machine
note Pipe to same

Material Old R. Opened in to begin Room

442
90
340
10
1157
712
478
600
1075
5151
3060
500
8651
1200
9851

THOMAS A. EDISON,
 Central Station, Construction Dep't.
 No. 65 FIFTH AVENUE,
 NEW YORK.

1883-11-03
 W. D. RICH,
 SUPT OF CONSTRUCTION.

188

Address reply to _____

The Edison Electric Manufacturing Co
 of Lawrence, Mo

J. A. Edison

Dr

By fabric den^{ing} material furnished at the Central Station

Wagner Dow Cor Hill attached

30'-1 1/4 dia 27.2 ^{1/2}	15'-2 1/2 - 75-97 ^{1/2}	1745
12'-4 1/4 132 ^{1/2}	8'-1 1/4 25-38 ^{1/2}	362
1-2 1/2 x 2" T 112	1-2 1/2 x 2 1/4" T 112	212
2-2 1/2" T-60 112	1-1" T 25	115
4-2 1/2" Nipple 56.224	one tin funnel 50	274
2 - Brass unions 45 2 1/2		76

X (13744)

2365
 1720

700

60 off

Jacob

11-4 3/4
 1566
 1697.2

The above bills were asked by Mr Clark and you will average it as you think best - but Mr Ford will insist on deducting the price of the Projector which was to have been put on under your estimate price of which was \$1900 - I can see no other way out of it except to charge them the difference between lowest and high price of Projector \$1000.
 W. D. R.

THOMAS A. EDISON,
 Central Station, Construction Dep't.,
 No. 65 FIFTH AVENUE,
 NEW YORK.

1883-11-03 Form No.
 W. D. RICH,
 SUPT OF CONSTRUCTION.

Quilled - Nov. 2nd 1883

Address reply to _____

Danaher Journal Corp
 65 1/2 St. corner N. 9th

National Bldg

I beg to submit

The foregoing statement and accompanying vouchers as
 the final statement of expenses in relation to central station plant
 at Lawrence Mass except two bills amounting to about \$25.00
 which will be sent you by mail -

✓	✓	6825	Lawrence Bldg
✓	✓	4449	Lawrence Bldg
✓	✓	1840	" "
✓	✓	2693	full set in Keegan
✓	✓	3866	- 2.10 of this is repairs
✓	✓	1697	Lawrence Bldg
		<u>2098</u>	credit me with
		<u>23495</u>	

S. D. Hills assigned amt

also John Hills at Sullivan from Oct 29 to Nov 2 at \$39.75 Part received.

Respectfully yours

W. D. Rich
 Supt

1883.11.05



Huntington, Nov 5, 1883

Thomas A. Edison Esq

New York

My dear Sir - I expect to be in Jersey on next
Wednesday & Thursday, & will be pleased to meet
you if you can make it convenient to be in
the City either day. My kind regards to drop
me a line to the 5th room house whether you will
be at your office either or both of the days mentioned

Yours truly,

A. J. Hull

1883-11-05

EDISON ELECTRIC LIGHT.

CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

NOV 7 1883
FILE NO. 1832
E. B. SHAW,
STATE MANAGER.

OFFICE OF STATE MANAGER.

WILLIAMSPORT, PA., NOV 5th 1883

Thos. A. Edison
New York City - G

Dear Sir,

The Bellefonte estimate for ^{lights} 3000 ft
just received. Your letter explaining the
causes of the high investment per
lamp, is to my mind very satisfactory,
and I am of the opinion that it will
prove of great value in closing the
Contract. I have just wired the Bell-
Company to call meeting for Tuesday night
and I hope to receive from you the
approximate cost of the eight hundred
light plants. I have a meeting of the
Wapport Co today and will report the
results of as soon as possible. Will
you be able to get the Mt. Cornell & Hazleton
estimate this week very truly yours
E. B. Shaw

1883-11-05

The Edison Company for Isolated Lighting

AGENCY FOR

Maryland, Western Pennsylvania and District of Columbia,

No. 3 Horn Building, Lexington Street.

Baltimore, Md. Nov. 5th 1883.

Mr. Saml. Insull

Dear Sir:-

Your two favors of recent date at hand and should have been acknowledged sooner had I not been at Harrisburg and elsewhere to further the Edison interests. I am very much obliged to you for your kindness in the stock business. I shall hope to see the shares soon. I hesitated about asking you to be my assistant or confidential trustee fearing it might burden you, but I much appreciate your offer and hope I shall be able to avail myself of it soon again.

By the way Mr. A. S. Dull of Harrisburg writes you this week for lighting up that city. Hope the Co. can make a deal with him.

Very truly yours,
Henry A. Clark.

1883-11-07

EDISON ELECTRIC LIGHT
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

R. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA., Nov 7th 1883

Thos. A. Edison
N. Y. City.

Dear Sir,

The enclosed letter will show
that Schwab is under the impression
that we have only one plant under way,
however Schwab has plenty of cash
and he means business what can I say
to him.

Very truly yours
R. B. Shaw

1883-18-97

THOMAS A. EDISON,
Central Station, Construction Dep't.,
NO. 65 FIFTH AVENUE,

New York, *May 11* 1883

Mr. Creon
all is
one of the *men*
in *Washington*
can *write*
for you for ten o'clock
tomorrow A.M. - He
is here today but I presume
returns to H - tomorrow
night

Jate

Form No. 1

1883-11-07

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above. THOS. T. ECKHART, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
He	Wm	50704	

Received at **852 BROADWAY.**

Dated Fall River Mass. *Nov 7 1883.*

To Care Edison

No 60 Fifth Ave

*Be sure see Cowles about
Tiffin and Fallriver Copperhury
Morris tasker on steam piping
Send Norrick and Natich etc*

This telegram has just been received at the office in 652 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1

1883-11-07

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above. THOS. T. ECKHART, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
86			

Received at **852 BROADWAY.**

Dated *Nov 7 1883.*

To

*to Borden Wire me today
Care Armington and Sims
Providenced write me Care
Borden Boston - Insull*

This telegram has just been received at the office in 652 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Major Eaton,

1883-11-07.

I enclose you the two last reports we have from Sun-
bury and Shamokin. I also enclose you a letter we have from Mr.
Marr at Sunbury. They do not contain much information but I thought
possibly they might interest you.

Nov. 7th. 1883

Insull

page 6.

Am glad to

see these

Thanks!



Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
973	g. N. K.	Ward	MAY 1888

Received at **852 BROADWAY.**

Dated Lawrence Mass P.
To. Fate R. Edison 65 5 an
Concerning brockton accounts you omit
Johnsons expenses and salary is
Charge correct for meter. My
impression is you leave Cost
Meter out altogether and only

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
			MAY 1888

Received at **852 BROADWAY.**

Dated
To. Charge for automatic Cut off
Send Connected accounts together with
statement balance due on Contract
to barden's office tonight sube
hurry amper meter for Lawrence

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES. Insull

1883-11-08

Form No. 1

THE WESTERN UNION TELEGRAPH COMPANY.

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THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. W. GREEN, President.

NUMBER	SENT BY	RECD BY	CHARGE
326	Jr	Wepb	

Received at **852 BROADWAY** *Boston* *8* *Nov 8* 188*3*

Dated _____

To _____ *Date* _____ *to Edison*

Hurry Hazleton mount, Car mail
& may be ~~to~~ near estimate enjures
going to Lawrence return to Boston
Thurs pm Innull

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1823-N-08

THE VERDOME

J. W. WILCOTT
BOSTON, MASS. NOV. 1883

My dear Edison

I was at Lawrence today fixing up some Aps with loud. I shall see Garrison tomorrow (Friday) morning about Proctor's Aps & their return to New York in the afternoon.

There are a number of point and news & loud mentioned to me and I think I had better commit them to paper or else I will forget all

about them by the
time I got to N.Y.
Reeder Safety Catches. Audubon
says the ends of the
"lead pieces" should
have some hardened
metal attached to them
such as sheet brass
so that they can be
secured down firm.
As it is the screws
require a turn on
or given them every
day otherwise the
Safety Catches make
bad contact & some-
times (Audubon says)
melt from this cause.
The ^{upper part of the} Reeder Safety Catch
& the upper part of

3

1883-11-08

THE VENDOME

J. W. WOLCOTT

* BOSTON *

1883

The Plug Switch for
Audens should be cast
in one piece - this
improv. is suggested
by Audens.

The packing at
Beulmanns is damnable
The gumpere meter sent
to Lawrence the other
day was all broken
up on arrival & had
to be sent back. This
is so with everything
Audens says almost
everything has to be
repacked & hold day.

the same. The packing
of the Brush holders
& smaller parts of
the dynamo at Green
Street is also bad.

I went for hours
about his wiring
& as a reply and
"off set" he showed me
some ^{gas} attachments
from Beugmann's
which have no circulating
collar at all. This
seems to me wrong
I wish you would look
at them

Beugmann sent a
small motor to show
the other day connects
up as follows:—

5
1883-11-08

* THE VENDOME *

J. W. Woucott.

* BOSTON *

1883

These cases were
connected in series
& this series was
then multiplied
with the fourth coil.
I am not an electrician
but that does not
sound right to me.

The 4 Dynamos
want heavier taps
on the Switch Board
The present bolts
are entirely too small
& break off. At Lowell
they have an excellent
method of keeping the

⁶
brushes off the
commutators by means
of a small brass chain
attached to the top of
the ~~Brush Holder~~
handle with which
you move the Brush
Holder.

There is a big
demand for motors
at Lawrence. Howd
wants one - one H.P.
& one two h.p. motor
right away.

I like Howd better
than any man I
have yet seen handling
a station. You ought
to go to Lawrence &
spend a few days with

1883-11-08

7



J. W. WOLCOTT.

* BOSTON *

1883

your former idea of
the man is I think
erroneous.

I shall be at 65
5th Ave Friday evening

Yours sincerely

Samuel Russell

1883-11-09

Form No. 1

THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of International Messages, beyond the amount of fee paid thereon, nor in any case where the sender has failed to write in writing within sixty days after sending the message.

This is a REPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above. 11:56

THOMAS T. ECKHART, General Manager. NORTH GREEN, President.

NUMBER	BY	RECEIVED BY	CHARGE
		<i>Edison</i>	

Received at **852 BROADWAY.** *Rovg* 1883.

Dated *Boston Mass*

To *Take Care Edison*

*65 Fifth Ave
Did you write me last
night nothing read answer
quickly Insull*

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.
DIRECT WIRES.

1883-11-09

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors are to be regarded against only the receiving company, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the delay is not prevented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOMAS T. BOKKERT, General Manager.

NORVIN ORSKEN, President.

SENDER BENEFIT RECEIVED BY CHECK

22 24 11 11 paid mu
Received at **852 BROADWAY** NOV 9 1883

Dated of Boston mass

2. sent to W. Edson at Fifth
Has recd twenty five hundred
from Garrison shall go home
Jan one o'clock train
Insull

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-11-09

EDISON CO. FOR ISOLATED LIGHTING,

Room No. 8, Board of Trade Building,

Wm. HOBKINSON, Agent,
Rhode Island and Eastern Conn.

PROVIDENCE, R. I., Nov. 9th 1883

RECEIVED
NOV 13 1883
ANSWERED

Mrs. A. Edison Esq.,
Dear Sir,

.....88.....
FILE No.....

Mr. Borden has entrusted me in the matter of procuring a map of Webster Mass. & I will state that I have been there & find that there are two old maps in existence only, & these I will try to procure, one is in Waltham, the other near Webster or in Providence -

As soon as I am able I will send you one of the maps or a tracing,
Believe me to be dear sir,

Your obedient servant

Wm. Hobkinson -

Mr. Sumner

Please note

within

1 day

Nov 16/83

Wm. Sumner

Wm. Sumner

is a member of

Mr. Hodgkinson

Nov 16/83

JOHN W. HALL, PRES.

L. H. SMOOT, SECTY.

1883-11-10

CHAR. F. PEREGOV, TREAS.

Consolidated Gas Company

OF BALTIMORE CITY.

OFFICE, No. 19 SOUTH STREET,

Baltimore, Nov. 10th 1883.

Mr. A. Edison, Eng.
Pres. E. Electric Light Co.

65. 5th Avenue, New York.

Dear Sir: I am requested
by Mr. Hall, the President of this Company,
to say to you, on behalf of himself and Mr. Gary,
that it would suit their convenience, and that
of others, constituting a Committee, to spend
Thursday next with you, to further discuss the
project of forming a Company in this City for
Electric Lighting by your process.

Be good enough to wire him, in receipt of
this, whether it will suit your business con-
veniences as well. - if so, their arrangement
contemplates leaving here on Wednesday P.M.,
and calling up on you, at about 10 P.M., be-
tween 10 & 11 O'clock A.M. on the day of the
week. Respectfully,
L. H. Smoot, Secy.

1883-11-10

EDISON ELECTRIC LIGHT COMPANY
EDISON COMPANY'S ISOLATED LIGHTING.

NEW ENGLAND DEPARTMENT.

BOX 3311, BOSTON, MASS. HERALD BUILDING. SPENCER BORDEN, Manager.

Boston November 10th, 1883.

Thos. A. Edison, Esq.

Dear Sir:-

Your favor November 8th duly at hand, containing estimates for Norwich and Natick, but accompanying "exhibits" not yet received.

There are one or two points in connection with both these estimates, that I desire to call your attention to, before submitting them to the promoters of the two companies in question.

In neither is there spare engine or spare dynamo. Were they purposely omitted, and do you think it safe? I believe in both cases, the companies would willingly sign the contract to cover the additional cost of "spares".

Again, for how many lights will the street installation accommodate; only the number mentioned on the estimate, or more? And how much machinery will the station building have room for.

Yours very truly,
Spencer Borden.

S.B. I think it would be well for you to send a letter to the Electrical Review, answering their Editorial on page 5, issue of November 1883.

883-11-10

Mr. Edison,

My decision ~~is~~ after talking with Brewster is that I must personally go to St. Louis, Kansas City, and, possibly, Louisville. I will start right after the annual meeting of the Isolated Company which takes place November 20th. Please give me the following information.

Handwritten notes:
1) A copy of the St. Louis estimate, or such portions as ~~is~~ *is* general in their nature. I want to have the figures before me when I talk.
2) How does Kansas City stand now. Is the estimate made?
3) Is the Louisville estimate made? If so, I would like to have that, or a part of it, along with me.

- 1) A copy of the St. Louis estimate, or such portions as ~~is~~ *is* general in their nature. I want to have the figures before me when I talk.
- 2) How does Kansas City stand now. Is the estimate made?
- 3) Is the Louisville estimate made? If so, I would like to have that, or a part of it, along with me.

S. B. Paton

Nov. 10th. 1883.

per Mc.G.

Insull can answer

1883-11-13

Form No. 1

THE WESTERN UNION TELEGRAPH COMPANY.

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This is an UNREPRESENTED MESSAGE, and is delivered by receipt of the sender, under the conditions named above.

THOS. T. SICKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
531	Knob	100d	
Received at: 852 BROADWAY.			NOV 13 1888.

Dated Metuchen N.J. 3.
To Thos A Edison

65-5ave

We will be at your
office at ten this evening
Bethaw

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-11-13.

RECEIVED
OFFICE

NOTED
ANSWERED
The Edison Electric Illuminating Company
OF NEWBURGH, N. Y.

.....133.....

FILE No. Newburgh, N. Y. *Nov. 13th* 1883

Mr. T. A. Edison
Dear Sir,

Under the agreement made with you on the 29th Oct. 1883 for furnishing this Co. with an Edison Electric Light Central station for the sum of \$38,000, it is provided that you are to pay you 25% thereof on Nov 15th 1883 & to have the money advanced and you prepared to make it, when we found this difficulty. The agreement has this provision: "This agreement shall not be in force until the Edison Electric Light Co. execute and deliver to the party of the first part the agreement and license, this day signed by said party of the first part." Now I have received the agreement and license from the Edison Electric Light Co., but the license is not executed - doubtless through oversight. On receipt of the license duly signed and sealed I will forward the payment of \$9,500.

Yours truly
W. C. Brown
Secy & Treas.

1283-11-14
Form L

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

RECEIVED
NOV 13 1883
ANSWERED

New York, *Nov 11* 1883

.....883...
FILE NO. 2-7

J. J. Casey
Office Manager W.N.T.C.
939 Broadway
City

Dear Sir:

I am today in receipt of a
telegram from Paul D. Dyer dated at
Chillicothe Ohio stating that the
money wired him on Saturday
10th inst., has been cancelled.

Please give your Chillicothe
people instructions to pay
this money.

*Office transfer
has been cancelled
We cannot do you
anything for you
to send money to
in order to pay
your check
Nov 11 1883
T. A. Edison*

1883-11-14

The Edison Electric Light Company
65 Fifth Avenue

S. B. Eaton Pres
E. M. Johnson Vice-Pres
E. P. Fahnestock Treas
C. Goodland Secy

New York November 14th. 1883

T. A. Edison, Esq.

City.

Dear Sir:-

Will you please have a canvass and estimate made of New Orleans? Capt. Bofinger has promised to contribute towards the expense.

Please also have canvasses and estimates made for Atlanta and Galveston; also for one or two other towns in Texas, to be chosen by Mr. Dyer when he reaches Galveston. I assume that he will be able to judge better than we can what towns ought to be canvassed.

After the above canvasses and estimates shall have been finished, we will send Mr. Brewster to some of the places to get up companies.

Very truly yours,

President.

Dallas
San Antonio
Shirman
~~Waco~~
Waco
Houston
Monroe
Mobile

1883-11-14

Mr. Insull

Yes, I find the cost of wiring is a great drawback everywhere.

S. B. Eaton

Nov. 14th. 1883.

per Mc.G.

R

1883-11-14

Major Eaton,

Annexed is another letter from Shamokin. I will keep a sharper lookout and see that you get an account of the receipts and running expenses there, and let you have the data immediately we receive it.

S. Insull,

November 14th, 1883.

per G.

B

1883-11-14

Mr. Insull, Thanks. Please send me all of these letters. They are just what I want. He says he will send you amount of collections. Please urge him to do so.

S. B. Eaton

Nov. 14th. 1883.

per Mc.G.

G.

1883-11-14

Major Eaton,

Here is a letter from Jenks. I do not think it will interest you much, except the last paragraph. We are going to arrange the matter of spare dynamos by supplying him with two small machines as soon as we have them at our disposal.

S. Insull,

November 14th, 1883.

per G.

C

1883-11-15

Major Eaton,

Thank you
Here is another letter from Shamokin in relation to engines there. Please return after perusal.

S. Insull,

November 15th, 1883.

per G.

A

1883. 11. 15

Campbell
 Please let me have
 the prints of Tiffin's
 at Carmel - Stations
 and districts -

If Equalizers or
 Fuders show positions.

Fate

Belts for Newbury

OK. Nov 15/83

ALL COMMUNICATIONS
TO BE
THE OFFICE

EDISON MACHINE WORKS.
OFFICE, 65 FIFTH AVENUE

WORKS,
104 CORNIC ST.

New York, 188

15
166
15
44
17
11

2611 9/16
2630 9/16
18
278 9/16

34.9 5/16

49) 13000 (277
94
364
329
310

X
X

Form No. 1.

1883: 1145

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be checked only at repeating a message back to the sending station for correction, and the message will not hold itself liable for errors or omissions in transmission or delivery of unrepeatable messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days.

This is a WORKPLACE MESSAGE, and is delivered by request of the sender, under the conditions stated above.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
177	Cash	18th St	1784

Received at **852 BROADWAY.** Nov 15 1883

David Hazleton (P. 15)
 St Paul (P. 15)
 65 = 3 days

Would it not be better
 to us two engines at
 hazleton how much will it
 add to estimate P. P. 15

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

MEMORANDUM OF AGREEMENT made this fifteenth day of November, 1883, between the EDISON ELECTRIC ILLUMINATING COMPANY of Hazleton hereinafter called the party of the first part, and THOMAS A. EDISON of the City, County and State of New York, hereinafter called the party of the second part.

The party of the second part upon receiving permission from the Edison Electric Light Company of New York, agrees to furnish and install at Hazleton, County of Luzerne, State of Penna. for the party of the first part, an Edison Electric Light Central Station Plant necessary to furnish a maximum of 1,000 lights of 10 candles each over a system of pole lines as per the map hereunto annexed (marked Exhibit A and showing the feeders and conductors in red and white lines) for the sum of Twenty thousand six hundred eighty four and 41/100 Dollars according to statement of labor and material hereunto annexed (marked Exhibit B).

In consideration of the party of the second part undertaking to furnish and install said plant, the party of the first part hereby agrees to pay the party of the second part as follows:- Twenty five per centum of the before named Twenty thousand Six hundred and Eighty four and 41/100 Dollars upon the signing of this agreement, fifty per centum of said amount when the installation is ready to supply light, and the remaining twenty-five per centum when the installation has been in condition to supply light thirty days.

It is further agreed that the title of the property covered by this contract does not pass from the party of the second part to the party of the first part until all the terms of payment herein provided for shall have been complied with.

The party of the second part further agrees to use due diligence in putting into practical operation the said installation and to do all work in connection therewith in the best and most workmanlike manner and in compliance with the requirements of the Engineering Department of the Edison Electric Light Company of New York.

IN WITNESS WHEREOF, the parties hereunto have set their hands and seals the day and year first above written.

The Edison Electric Illuminating Company of Hazleton.

By: (Sgd) F. Lauderburn
President.
(SEAL) (Sgd) N. C. Yost
Treasurer.

Witness to signature
of Thomas A. Edison.

(Sgd) A. Q. Tate
By: (Sgd) Thomas A. Edison
(Sgd) Saml. Insull
Attorney

1883-11-15

MORGAN HOUSE

Don't like the ^{idea} too much
C. C. GRIGGS, Proprietor

CORNER MAIN AND CATHARINE STREETS.

just now
Doughlaston, Q. C. Nov 15, 1883.

Friend Inwell:
Went to
Roundout today to
see Thawney Cornell
who owns the city
and promised him
to have Mr Edrison put
his auto on a pretax
for him. Will you please
see to it.

Roundout and
Kingston was about
two miles apart with
not much of any thing
between but the New
Shore RR depot.

Mr Cornell
suggested putting
the station half way

between and supply-
-ing both cities. He owns
all the property between
and says if that could
be done and he can
be convinced that
there was money in
it that he will be
responsible for the
money being forth-
-coming and insisted
upon my not mention-
-ing the matter to any-
-body if I expected
him to go into it. There
would be a splendid
chance for Mr Edison
to try his scheme
for changing E.M.F.
from high to low. I
ask him
if it would not pay
to run feeders (which
could be done on poles)

40 823-11-15
MORGAN HOUSE

J. G. GRIGGS, Proprietor.

CORNER MAIN AND CATHARINE STREETS.

Poughkeepsie, N. Y.

188

from a station a mile
away. If it can be done
I think we can get
Mr Cornell in. Please
see to the Poughkeepsie
Map, and send me
an extra copy. To
keep my exhibition.
Let me hear from you
on this subject. Good
Yours
J. G. Griggs

Form No. 1.

1883-11-16

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be avoided herein only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. SCREENT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
45	Wm	Wm	906

Received at **852 BROADWAY.**

Dated

To

Nov 16 1888.
 East Mahanoy Penn Pa
 Honors A. Edison
 65 - 5 Ave
 Hazleton Contracts signed and forwarded to you via Reading Express together with check + draft for twenty five per centum
 This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.
 P. B. Shaw

DIRECT WIRE.

1883-11-16.

W. H. Burrows,
Freight Broker.

Office, 49 Broadway,
Room 16.

New York, Nov. 16th 1883

Mrs. A. Edison Esq
Construction Dept

Dear Sir - Herewith I en-
close statements of contracts
made for shipments to
Rensselaer N.Y.
Siffin
Subsistential Co

I propose having printed forms
somewhat in shape of the con-
tract for Rensselaer shipments, which
will dictate more precisely and at
a glance the regular tariff and
contract figures. As I suppose
most of your shipments will be
by rail and to the interior I shall
add this form which with slight
modifications will adjust itself
to show most any form of contract
for domestic shipments.
Foreign shipments contracts take
another shape - Yours truly
W. H. Burrows

JAMES L. REAL,
PRESIDENT, PHOENIX HOTEL,
DANVILLE, PA.

1883-11-16
R. B. CHESNEY, MANAGER.

Central Hotel

RATES: 65¢ PER DAY.
SUNDAYS, \$1.00.

Hazleton, Pa., Nov 16th 1883

Thomas A Edison
65-5th ave N.Y. City.
Dear Sir,

I enclose herewith
two (2) Contracts signed by
the Hazleton Co. the Great
Check for \$1,000.00 one thousand
dollars, and a draft at
(10) ten days sight for \$4111.⁰⁰
Four thousand one hundred and eleven
and 1/100 dollars, I have
promised this Company
you would commence
work at once please
acknowledge the receipt of
the Check & draft to the.

Freeman and also to see
at Williamsport. And our
receipt of this letter
will let out & will
show that you will come
and work sure next
week it is now showing
but little or no frost in
the grounds My opinion is
that you had better set
the poles & lay the foundation
work in the next 10 days
as this place is 2200 feet
above the sea
I was working nearly all
night but right now
ready to rest.

Yours truly
P. B. Shaw

Entered & printed
at the office of
P. B. Shaw

P. B. Shaw

Nov 16/13

1883-11-16

The Edison Electric Light Company

65 Fifth Avenue

S. R. Eaton Pres
E. H. Johnson Vice-Pres
E. P. Fahnestock Treas
C. Goodrich Secy

New York, November 10th, 1883


T. A. Edison, Esq.

Construction Department,

Dear Sir:-

Will you please make canvasses and estimates for such four towns in the State of Michigan as Messrs Markle and Hall may designate, same to be at their expense? It is understood that they will pay for these four canvasses and estimates but that if companies are subsequently formed, without new canvasses and estimates being made, the expense of canvassing and making the estimate for the town where the Company is formed shall be paid to them by your department, in the usual way.

Very truly yours,



President.

Handwritten notes:
J. P. Fahnestock
re Michigan contracts
11-10-83

1883-11-17

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors will be corrected only by retransmitting a message back to the sending station for correction, and the company will not hold itself liable for errors or delay in transmission or delivery of interrupted messages, beyond the amount of bills paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHARGE
1	W.S.	M.S.	6 Paid
Received at	N.Y.		Nov-17th 1883
Dated	New York		
To	The A. Edison Co		
	New York		
	Snap still, Cooms, Bellfont		
	Contract closed.		
	Small		

Mr. Tate,

1883-11-19

This form of report seems absurd. It does not state on it who made the report, as there is no signature to it, and if we are to make our estimates on ~~xxx~~ anonymous information we shall get most beautifully left. For your information, I hand you the envelope in which it came, as you might by this means be able to trace up who it comes from.

S. Insull,

November 19th. 1883.

per G

THOMAS A. EDISON,
 Central Station, Construction Dep't.,
 No. 65 FIFTH AVENUE,

1883-11-19

Form II.

New York, *Nov 19* 1883

Mr Campbell:

Note the attached -
 I coincide with Mr Insull's
 ideas exactly - You
 don't appear to be a
 success at getting up
 forms judging from the
results that have been
 attained after the forms
 have been placed in
 service.

Hereafter I should like
 to see your proofs before
 the forms are finally
 ordered.

T. A. Edison

THE EDISON COMPANY }
FOR ISOLATED LIGHTING. }

1883-11-19
JOHN R. MARKLE,
MANAGER MICHIGAN DEPARTMENT.

PLEASE ADDRESS REPLY TO
P. O. Lock Box 97.

Detroit, Mich. Nov. 19th 1883

Thos. A. Edison,

Dear Sir. —

OK G per my OK

The places we have concluded to have canvassed and estimates made for under arrangements just completed, are Grand Haven, Hiles, Battle Creek and Ypsilanti, Mich. — These four small cities will doubtless require the construction above ground which can be put up during the winter months. — Your Engineer now at Madison Wisconsin has been promised us as soon as through there, to make canvasses as above. —

We would prefer that canvasses and estimates be made and forwarded in order as given above and at as early date as possible.

Yours Very Truly,

Marklet Hall,

Form No. 1.

1883-11-19

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message, in transmission or delivery of Unrepeated Messages, beyond the amount of bills paid thereon, and the company will not hold itself liable for errors or omissions after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. COCKERY, General Manager.

NORVIN GREENE, President.

NUMBER	SENT BY	REC'D BY	CHECK
369	AMW	3R Said	

Received at 853 BROADWAY.

Nov 19 1888.

Dated *Magellon 1st 19*
J. A. Edison 65-5 ave.
Not in square forty five twenty
one hundred lot in square four
marked twenty five hundred two
thousand choose from above and
get these selected weather good come & stay
 This telegram has just been received at the office in 853 BROADWAY, just below Fourteenth Street, where any reply should be sent.
 Work answer *DIRECT WIRES* *H. R. Markley*

Lot 66 4150
no blood A
is but we
board our
Sakun... ..

Los
George
De v. lit
W. H. H. H.
P. B. H. H.

68
MORGAN HOUSE

J. C. GRIGGS, Proprietor

CORNER MAIN AND CATHARINE STS.

Doughboscus, N. Y.

C. J. Hayes
No 71 1883

Friend Inall,
Map here and
note of yesterday
There
is quite a good deal
of property in back
yards of red circle
but what is obtainable
is held at a high figure
and quite a number of
holders are out of town
as to not making more
than an estimate of
course I thought an idea
as to what will meet
the views of the people
here and I think it

ought to well enough
to give the cash of the
Proposed district
and then cut off
Montgomery and Far
field and Garden
Sts

The Roudant and
Kington is quite imp-
-ortant and I would
like to discuss views
as to its feasibility.
Also wish you would
see about the photo-
-graphs for Mr Cornell. When
I have sorted up this
Hacy & Hudson & Roudant
I will have exhausted
about all my territory
that amounts to any-
-thing. Do you know
what there is left

1883-11.

◇ MORGAN HOUSE ◇

J. C. GRIGGS, Proprietor.

CORNER MAIN AND CATHARINE STREETS.

Poughkeepsie, N. Y. _____ 1883

and what my chances
of getting some more.
Mr. Huntington tells me
that Tracy is taken
and I know that Gars
considers that he has
it, do you know if
this is so. I don't want
to be left out in the
cold after using up
my little territory.
I think I have got the
people here quite in-
terested, and think if
the estimate can be had
soon and it is not
too greatly high that

I can work it OK.
Let me hear from you
soon.
Your friend
Charlie

1883-11-21



NEW ENGLAND DEPARTMENT.

BOX 3311, BOSTON, MASS. HERALD BUILDING. SPENCER BORDEN, Manager.

Boston November 21st, 1883.

Thos. A. Edison, Esq.
65 Fifth Ave,
New York City,

PHOTOGRAPHIC

Dear Sir:-

Your favor Nov. 20th, duly received, and that referring to the plan for Webster, I have referred to Mr. Paine who will do what can be done in the matter, and I will report to you.

I note what you say about the estimates for Norwich and Natick. I had not intended sending either of these until I got an answer to mine of 10th inst. However, the promoter of the Natick Company came in, and I gave him the estimate for the town, adding in pencil the amount I supposed sufficient for ever an 8 1-2 by 10 engine, and two small dynamos, as I felt certain he would want these for a spare. I am aware that the 14 1-2 by 13 engine has greater capacity than that of the boiler which you have included in these estimates, but did not dare to assume the responsibility of starting station without a spare engine and dynamo to provide against any contingency of accident to the larger apparatus.

65 1983-11-21

MORGAN HOUSE

J. C. GRIGGS, Proprietor.
CORNER MAIN AND CATHARINE STREETS
Doughkeepsie, N. Y.
Poughkeepsie
C. S. Hedges
Nov 21 1883

Friend Sewell.

I am confident that I have got enough people interested here to take the business if I can only get the estimate before they cool down and the estimate when it comes is not too dard high. Passed the Bill today met a man who could not get a living in this country and went over to England and had made a fortune in about 10 years. He is

credited with being
worth a million or so.
Do you hear anything
from "Baronstrom"?
It looks as though
they were waiting
for Newburgh.

Think you
would ask Mr. Pillsbury
about the Rowland &
Kington schemes.

Is there
any chance to work Piquis
into this kind of business.
He is chief of hotel
cleaning and says from
his experience in environ-
ing the girls that it was
their duty to crawl he
thinks he could probably
do something with success.
Let me hear from you if you
think so.

Major Eaton,

1883-11-22

I enclose you herewith letter from Brockton containing some useful information. Please return after perusal.

I also enclose you herewith statement of running expenses at Shamokin amounting to \$5,833 a day. Taking fixed charges of every kind, depreciation, interest on bonds &c., I estimate the expenses at the Shamokin station at about \$9,75 per day.

S. Insull,

November 22nd, 1883.

per G.

U

1883-11-22

Mr. Tate,

I have written Cooke to canvass the towns referred to in the enclosed. You better see that he has forms ~~and~~ special reports and that we get our information all complete, so that we can hurry through the estimates. Just wake up the engineering dept. and try and make ~~good~~ quick estimates on these towns, so as to corroborate that reputation which we now have with relation to Hazleton and Mt. Carmel.

S. Insull,

November 22nd, 1883.

per G.

M

1883-11-22

Major Eaton,

It would seem that the enclosed should be referred to you, inasmuch as we have a ten days draft on the Bellefonte Co., and we would esteem it a favor if you could hurry the closing up of the contract of the Bellefonte Co., so as to enable them to get in their assessments, otherwise our draft may go to process.

S. Insull,

per G.

November 22nd, 1883.

Handwritten notes:
- "Please" written vertically on the left.
- "Draft" written vertically in the center.
- "No mail" written vertically on the right.
- "to" written vertically on the right.
- "G" written vertically on the right.
- "JFK" written vertically on the right.

1883-11-23

Major Eaton,

For your information I send you down the enclosed, as Mr. Stuart might write you about our canvasses. I have written him to-day that we are not prepared to make any more canvasses unless you give us definite instructions to do so.

S. Insull,

per G.

November 23rd, 1883.

Handwritten notes:
- "I" written at the bottom right.

1883-11-23

THE EDISON ELECTRIC LIGHT CO.,
25 FIFTH AVENUE.

New York,

November 23^d 1883

*File
Cawp
2nd*

J. A. Edison, Esq

Dear Sir:

Will you please make, at our expense,
canvasses and estimates for the following towns, in the
order in which they are named:

- | | | |
|---------------|------------------------|---------------|
| Wellsborough, | Leiga County, | Pennsylvania. |
| Mauch Chunk, | Carbon County, | " |
| Pottsville, | Schuylkill County, | " |
| Pottstown, | Chester County, | " |
| Lancaster, | Lancaster County, | " |
| Lewisburgh | Union County, | " |
| Milton, | Northumberland County, | " |
| York, | York County, | " |
| Union City, | Erie County, | " |
| Millersburg, | Lehigh County, | " |
| Scranton, | Lackawanna County | " |

Yours very Affly,
J. A. Edison President

[FROM W. D. RICH]

1883-11-24

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

THE COMPANY TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guaranteed only by repeating a message back to the sending station. The company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.
THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.
THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
63	Car	21 Paid	

Received at **852 BROADWAY.**

RECEIVED NOV 24 1883 ANSWERED NOV 24 1883

Dated *Belleville Pa Pa*

To *Am'l result*

Harris's telegram is designed to Ketch you on difference between Creek and Wood building. Dont set figure higher than two hundred

W. D. R

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent. **DIRECT WIRES.**

1883-11-24

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

THE COMPANY TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guaranteed only by repeating a message back to the sending station. The company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.
THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.
THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
607	Knowlton	13 Pd	

Received at **854 BROADWAY.**

RECEIVED NOV 24 1883

Dated *Williamsport Pa Pa*

To *Thos A Edison*

65-5 Ave

Please send canvasser to Williamsport to get best convenience stock all subscribers for that place

P B Shaw

This telegram has just been received at the office in 854 BROADWAY, just below Fourteenth Street, where any reply should be sent. **DIRECT WIRES.**

THE EDISON COMPANY
FOR ISOLATED LIGHTING.



1883-11-27

JOHN R. MARKLE,
MANAGER,
MICHIGAN DEPARTMENT.

PLEASE ADDRESS REPLY TO
P. O. Lock Box 97.

Detroit, Mich. Nov. 27th 1883

Thos. A. Edison,
New York.

Dear Sir—

Your favor 21st inst.
we find on return from short trip
in State.— Have also recd. letter
from Mr. Cook who is now at Grand
Haven.—

Will you please instruct him to
go from G. Haven to Battle Creek
and leave Hills out, as we will
substitute some other place in its
stead.— We think it will be Hillsdale
as our Mr. Hall has well under way
an organization there.— Will determine
and advise Mr. Cook in ample time.—

Yours Very Truly,
Marked Hall.

1883-11-27

THE H. I. KIMBALL HOUSE CO.
ATLANTA, GA.

E. P. Howell, Pres't.
L. J. Hiss, Treas'r.
J. W. Carraran, Sec'y.
H. I. Kimball, Gen'l Manager.

DICTATED

Where is photo?

Atlanta Ga. Nov. 27, 1883.

Thomas A Edison
New York

Dear Sir;

I hand you by this mail a photograph of the New Kimball House, which we are just commencing to build. Is your system of lighting sufficiently advanced for us to adopt it through out all the rooms? About what would be the cost of a plant sufficient to light the entire building? Would be glad of as complete information upon this subject as you can give

Very respectfully

65th Ave

P.S. Your Mr. C. W. Wilber has just stepped in to make some inquiries in regard to the hotel and he informs me you are taking some action, he thinks, looking to the organization of a company in this city for the introduction of your system of lighting. It is probable I could be of some service to you in that direction.

H.I.K.

1873-11-28

Major Eaton,

The enclosed letters from Dyer will give you some information about New Orleans. Dyer's criticisms of lighting the town seems to be very business like and right to the point.

S. Insull

Nov. 24th. 1883.

per G.

Memorandum.

1873-11-28

To
Mr. J. H. A. Edison
New York

From
Morris, Tasker & Co. Limited
15 Gold Street,
New York 11/28 1883

Dear Sir,
Our mills have shipped of your
please the "Beacon" - "Herald" - + "The Courier"
at request to get off the "Newburg" order next
year.
Yours Truly
Morris, Tasker & Co. Limited
in L. Office

1883-11-28

RECEIVED
NOV 30 1883
ANSWERED

EDISON CO. FOR ISOLATED LIGHTING,

Room No. 8, Board of Trade Building,

FILE NO. 11
Wm. HODGKISSON, Agent,
Rhode Island and Eastern Conn.

PROVIDENCE, R. I., Nov. 28th 1883.

Thomas A. Edison Esq.,
Dear Sir,

After a long search I have found a map
of Webster Mass. & I think that you can get a
copy of it at W. Peers & Co.

93 & 94 Maiden Lane. N. Y. City.
Published by them in 1870, scale 350 ft to
one inch.

It is a map of Webster & Dudley, Mass. -
If you cannot get it, I will make
a copy of the one here.

Very respectfully your servant,

Wm. Hodgkisson.

1883-11-29

No. 11

NIGHT MESSAGE. THE WESTERN UNION TELEGRAPH COMPANY.

THIS COMPANY TRANSMITS AND DELIVERS MESSAGE-COPY OF MESSAGE, PRINTING OR MANUSCRIPT, WHICH HAVE BEEN TRANSMITTED BY THE NUMBER OF THE FOLLOWING MESSAGE. THESE MAY BE GUARDED AGAINST LOSS BY REPLYING A MESSAGE BACK TO THE ADDRESS STATED ON COMPANY, AND THE COMPANY WILL NOT BE RESPONSIBLE FOR LOSS OR DELAY IN TRANSMISSION OR DELIVERY OF CORRECTED NIGHT MESSAGES, BECAUSE MACHINE PRINTS, REQUIRES A SPECIAL SET OF TYPE FOR CORRECTING PRINTING; AND IN ANY CASE WHEN THE CLERK IS NOT IMMEDIATELY AVAILABLE, AND IS DELIVERED BY REQUEST OF THE NUMBER, UNDER THE SIGNATURE OF THE PRESIDENT.

THOMAS V. ECKERT, General Manager.

JOHN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
67	Ed. K. Upson		

Received at the WESTERN UNION BUILDING, 195 Broadway, New York, Nov 29 1882.

Date of Detroit Mich 29

To Mrs A Edison

65 Fifth Ave NY

Have Company about Capitalized must

have engineer at once answer

quick Markel & Hall

THE EDISON COMPANY }
FOR ISOLATED LIGHTING. }

1883-11-29

JOHN R. MARKLE,
MANAGER MICHIGAN DEPARTMENT.

PLEASE ADDRESS REPLY TO
P. O. LOCK BOX 97.

Detroit, Mich. Nov. 29th 1883

Thos. A. Edison,
New York.

Dear Sir,

We regret very much that you have ordered Mr. Cooke away before completing canvasses as agreed. - We have agreed with the Light and Isolated Companies as a condition upon which they will make contract with us, that we will give you an order for a plant to cost not less than fifteen thousand dollars, before February 1st. - Now how can we fulfill if we can't have an Engineer long enough to at once make up our estimates so that we may begin work. - No business worth mentioning can be done in Michigan until a plant is in, and actually making dividends.

We sincerely hope you will soon return Mr. Cooke, or if he can't be spared send some one else. -
Yours very truly,
Markle & Hall.

[TO C. H. CAMPBELL?]

1893-11-30

Mr. Campbell,

We have a spare "H" dynamo at Brockton which we billed to the Brockton Co. at \$1,150. We propose exchanging this for two small machines, which will have to be run by their present 8 1/2 x 10 engine. They will require another driving pulley on their engine, the cost of which I have written to inquire from Armington & Sims. Please figure the cost of making the exchange such as belts, dynamo packing &c. and let me have the details of it,

S. Insull,

November 30th. 1893.

per G.

Form No. 44

1813-11-30

NIGHT MESSAGE.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guaranteed against only in repeating a message sent to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Night Messages, sent at reduced rates, beyond a sum equal to the amount paid for transmission; nor in any case where this is an UNREPEATED NIGHT MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

MORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHARGE

Received at the WESTERN UNION BUILDING, 195 Broadway, New York,

nm
To New 1888

Dated at New York this is a
To painter and I am not
biting off more than I
can chew

T B Shaw

6P
Nov 3/83

P. B. Shaw

re machinery &
dynamics for
the State of
Pennsylvania

1/2
1/2
1/2

MEAN EFFECTIVE PRESSURE of this Diagram
has been accurately measured by an AMSLER PLANI-
METER.

Dec 1 1883

14 1/2 x 13

Horizontal Piston

7/16 in

STROKE 13

REVOLUTIONS 205

BOILER PRESSURE

AVERAGE PRESSURE

MEAN AREA OF PISTON

INDICATED H. P.

ENGINE No. 100

SCALE 40

Pat. 1083
Hilton Pan

FRONT SHEET
STROKE 73
REVOLUTIONS 255
1915213
BOILER PRESSURE
AVERAGE PRESSURE
NET AREA OF PISTON
INDICATED H. P.

ENGINE No. 36

SCALE 40

1883-12-01

Mr. Edison:

OK full order

Please supply me with
Blue prints of maps of
Brockton and Idle River and
of the ~~States~~ ^{part} ~~of~~ ^{of} both
places.

I should like to have
the above early next week -
They are for Col. Sherman,
who will take them to Buenos
Ayres.

Change to the Light Co -

S. B. Eaton

Recd for me

Dec 1/83

Form No. 44

NIGHT MESSAGE.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS NIGHT MESSAGES only on conditions similar to those which have been assumed to by the sender of the following message. Errors can be guarded against only by returning a message back to the sending station for comparison, with the company's official book (which for errors or delays in transmission or delivery of time-pressed messages, even at normal rates, would be sent back to the sender, under the conditions stated above.)

This is an **UNREPEATED NIGHT MESSAGE**, and is delivered by special means as stated above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
204	ON N.B.	2 Paid	nm

Received at the WESTERN UNION BUILDING, 185 Broadway, New York, Dec 1 1888.

Dated Tiffin OH
 To Samuel Inouet

65 - 5 Ave N.Y.

*I am in daily communication with bellafonte statement
 false message about pigra need will be made town
 tomorrow having no asbestos roofing for bellafonte
 W.D. Rich*

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

Form L.

New York, Dec 4/1883

Mr Insull:
I send you herewith a statement
showing what each town has cost us for
coursing, mapping, making determinations
preparing plans & estimates, the total of
~~the~~ which is \$10,398.⁰⁰

Out of this amount we have ourselves
to bear the expense in connection with
the following towns:-

Williamspoint	---	189.33	Eight C.
Shamokin	---	116.48	
Brackton	---	297.59	
Lawrence	---	101.92	
✓ Sunbury	---	129.01	
✓ Fall River	---	351.29	
✓ Bellefonte	---	288.38	
✓ Middletown	---	224.47	

Forward

\$1698.47

THOMAS A. EDISON,
Central Station, Construction Dep't,
NO. 65 FIFTH AVENUE,

Form 2.

New York, _____ 188

2
✓ Brod Ford 1698.47
✓ Piqua _____ 232.66 -
✓ Newburgh _____ 248.56 -
✓ Tiffin _____ 232.36 -
✓ Hazelton _____ 117.12 -
✓ Mount Carmel _____ 102.11 -
Total 2631.28

This leaves a balance of
\$ 7766 ⁷⁴ chargeable to
the Light Co.

Inasmuch as Mr. Sprague
left none of his notes in
the office here we are
unable to tell what
determinations he was

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE,

Form 2.

New York, _____ 188

#3
J.S.

Employed on during his
lengthy sojourn in New
York last summer, and
we are consequently unable
to make an equitable
appropriation of his time.

I will endeavor to get
from Mr. Sprague such
data as may be in his
possession in regard
to determinations he has
made and charge out
his time accordingly.
Mr. Sprague's failure

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

Form 2.

New York, _____ 188

H.S.S.
(as refusal) to keep these
notes on our files may
now cost us some money.

Alate

Mc

THOMAS A. EDISON, INC.

CENTRAL STATION, CONSTRUCTION DEPT.,

65 FIFTH AVENUE, N. Y.

✓	+	Newburgh	+	723	68	
✓	+	Troy, N. Y.	+	248	56	
✓	+	Hazleton, Pa.	+	282	36	
✓	+	Mount Carmel	+	117	12	
		✓ Mendota	+	102	11	
		✓ Peru, Pa.	+	149	79	
		✓ Minneapolis	+	197	82	
		✓ Georgetown	+	104	66	
		✓ Lock Haven	+	32	90	
		✓ Hamilton	+	179	19	
		✓ Pottsville	+	143	40	
		✓ St. Paul	+	121	40	
		✓ Pottsville	+	80	66	
		✓ Worcester	+	98	70	
		✓ Palmer	+	156	70	
		✓ Washington	+	19	86	
		✓ Milwaukee	+	34	63	
		✓ Haverstraw	+	13	45	
		✓ Portland	+	18	70	
		✓ Lima	+	47	55	
		✓ Spencer	+	89	80	
		✓ Northfield	+	61	05	
		✓ Ravenna	+	11	25	
		✓ Springfield	+	73	57	
		✓ London	+	101	85	
		✓ Westboro	+	49	07	
		✓ Webster	+	24	66	
		✓ Southbridge	+	49	80	
		✓ Alabama	+	23	56	
		✓ P. Town	+	66	15	
		✓ Syracuse	+	89	23	
		✓ Cincinnati	+	84	28	
		✓ Kansas City	+	48	69	
			+	119	55	
			+	10226	73	

188

No

THOMAS A. EDISON, Inc.


CENTRAL STATION, CONSTRUCTION DEPT.,

65 FIFTH AVENUE, N. Y.

✓	Columbus	10226	73		
✓	Canlon	24	60		
✓	E. Killecock	51	19		
✓	Rubicon	24	96		
✓	Wrayville	46	66		
		23	88		
				10398	02
	Barwaring Exp. A4	4631	53		
	General Exp	3518	25		
	Engineering Exp	2248	24		
				10398	02
Dec 7	Statement rendered E. E. Light Co	7766	74		
	Sundry central Stations	2441	95		
	Inco's statement to E. E. Light Co 18 th Feb 1904	199	83		
				10398	02

31st December 1883

Handwriting Engineering
General & other works
Chargeable to C. Stie


THOMAS A. EDISON, Jr.

CENTRAL STATION, CONSTRUCTION DEPT.

65 FIFTH AVENUE, N. Y.

Sharonston	116	48	333	58
	217	10		
Brewster	317	76	910	01
	299	25		
Lawrence	101	92	291	89
	189	77		
Sunbury	109	01	369	46
	240	40		
Fall River	351	29	1006	06
	394	77		
Boltonville	268	38	825	38
	227	84		
Middletown	224	47	658	24
	233	77		
Piqua	232	66	651	04
	418	28		
Newburgh	248	53	711	84
	403	28		
Jefferson	257	57	737	66
	446	05		
Hazelton	117	12	335	42
	218	30		
Port Carmel	100	11	292	43
	170	22		
	2497	33	8723	51
	4685	18		

W. Crane

RECEIVED
DEC. 8,

Please make
an ad against
the Edison Air Co.
New York for
all those except
those mentioned
in my letter to Mr
Shull.

RECEIVED
DEC 7 7 1903
ZIMMERMAN
FILE

W.C.

Mr. Edison

If you will read
 this memo of Gates carefully
 you will see why I wanted
 to insist on Squague's data
 being put in proper chapter
 in the last Part. The young
 man's "pneumonia" will
 cost us money. But of
 course Squague's action
 has not responsibility, the
 translation of which need
 be used. Squague is the chro-
 nicle money away small

1883-12-05

Western Union Telegraph Company,

General Manager's Office,

New York, Dec. 5 1883

Prof. Thos. A. Edison,
65 Fifth Ave. N.Y.

Dear Sir: Yours of Nov. 30th
received. I am sorry
to say that I do not
know of a first class
wire Foreman who under-
stands city work. There
are few in the service who
read Plate in the Greek,
but ^{many who} are lightning on Plate
in any tongue!

Yours truly
D. S. Jones
Gen'l Mgr. W. U.

1883-12-05

W. Muller Dec 5/84

Re the attached

You will see it cost

Cost \$ 300 per day -

Shall they allow difference

yes

Jan 7

1883-12-06

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of toll paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions defined above.

HORVYN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
W3	Wm	SPD	

Received at 852 BROADWAY.

Dec 6 1883

Directed to Hazleton Pa
E. J. A. Edison

65-5 Ave

Where is rich Everything
ready here your days
G. B. Marked Jr

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

THE NATIONAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE

*World Rich
July*

July 1934

World Rich

July

RECEIVED JUL 21 1934
U.S. DEPARTMENT OF JUSTICE
DIVISION OF INVESTIGATION
WASHINGTON, D. C.

1883-12-06

Mr Randolph

RECEIVED
DEC 6 1883
ANSWERED

Put Arthur S.

Beves on our
boat as an Electrical

Expert at \$10⁰⁰ per
week - We allowed
him Reg fare -
Date his of sum
Dec 1st

JMK

1883-12-06

EDISON ELECTRIC LIGHT.
GENERAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

RECEIVED
R. B. SHAW
DEC. 10 1883
ANSWERED

WILLIAMSPORT, PA., Dec. 5th 1883.

FILE No. 1073

How abt Mt Carmel

Mr. Thos. C. Edison,
85, 5th Avenue, N. Y. City.

Dear Sir:-

In the matter of the Wmsport plant, I arranged yesterday for a meeting of directors of the Wmsport Company to be held last evening for the purpose of executing with you by the officers of that company of the contract for the construction of the plant. Some quibble has been raised in the select councils as to their right of councils to grant to us the privileges we ask. We have, however, five members of that select body of seven pledged to support any ordinance or bill that we may present, and upon this assurance I have advised the directors ~~the~~ directors to close the contract, to call 80 percent on the capital stock and remit you \$12,000 at once. I enclose herewith a letter from Mr. Richter, treasurer of the Mt. Carmel Company, in which he complains of the delay of construction of the Mt. Carmel plant. It seems to me that there is a lack of information to the local people, and especially to the officers of the local company as to the cause of these delays, if delay exist that should in some way be remedied.

1883-12-06.

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

E. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA., 188

Surely your superintendent of construction is entitled to all the details relating to the construction of the plant over which he superintends, and he in turn ^{should} keep the local people informed of the situation. It will not do for the construction department to assume that the people who are investing their money in this new enterprise have no right to ask questions and to be courteously unanswerd. After reading the enclosed letter please return the same to me for the files of my office.

Very truly yours, P. B. Shaw

TK-

1883-12-06

EDISON ELECTRIC LIGHT.
CENTRAL STATION SYSTEM FOR PENNSYLVANIA.

P. B. SHAW,
GRAND MANAGER.

RECEIVED STATE MANAGER.

DEC 10 1883

ANSWERED

Dec 10 1883

FILE NO.

WILLIAMSPORT, PA., Dec. 6th, 1883.

Mr. Samuel Insull,
65, 5th Avenue,
New York City.

Dear Sir:-

I have your letter of Nov. 2nd regarding
the canvass for Carlisle, Pa., which I answered when at your
office. The letter, however, suggests to me the importance
of pushing the canvass forward rapidly. Can you not av-
range to canvass Pottsville within the next week or ten days?
I have heard much in relation to this town, and have promised
them by letter today to send a canvasser within ten days.
Write me at Cincinnati what you can do in the matter.

Very truly yours, P. B. Shaw

*His name was
sent to Carlisle
you can order him from
C to Pottsville*

R-

1883-12-07

THE EDISON ELECTRIC LIGHT CO.,
25 FIFTH AVENUE.

New York,

Dec 7th

1883

Thomas A Edison Esq
Dear Sir

I put in writing what I intended
to say personally.

You say I am losing money; I agree with
you. Both you & Mr. Eaton spoke of
my going to Wisconsin, ^{& looking} working over small
towns. Now aside from the fact that I
do not want to live in either State, there
are three difficulties:

1st No canvass has been made & it is our
present policy not to "work up" a town
without estimates being ready

2nd I have already done certain work
in several larger cities; the results in
some are specific & definite.

3rd Responsible parties in St Paul, Minneapolis,
& New Orleans signed an agreement to put in
a \$100,000 ^{plant} plant in each City where Estimates
were furnished justifying investment

(2)

New York, _____ 188

1st Certain negotiations were made & certain promises given in Louisville, and a canvass was made at my suggestion.
5th. In a recent letter I intimated what Kansas City parties would ^{do} & this was endorsed by Mr. Wainwright.
6th St. Louis status is familiar; could we have gotten estimates there when promised (by me) I think the plant would be now running.

How I may be pardoned for believing that my work as done, was well done, for I have testimonials of its thoroughness & efficiency. Nor, have I yet heard a word of disapproval.

Further I may be pardoned for wishing to see the consummation of some of the comparative negotiations rather than commence a campaign

(3)

New York,

188

1883-12-07

in small Missouri & Indiana - a Campaign
which at best would be "Seed Sowing"

If it is only "Seed Sowing" I might
as well have gone South three or
four weeks ago, when you wanted
me to.

It is perhaps needless to refer you
to a conversation had last
Summer. But I had expected the
closing of certain contracts would
end my Bohemian Existence, & place
me in New York.

No one deplores more than I do the fact
that I have had to waste time; &
more was when I wasted time before.

Very Respectfully
Wm. H. Brewster

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

1883-12-08

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOMAS T. BOKKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHARGE
53 49	Car	W.P.C.	9am
Received at 852 BROADWAY.		RECEIVED DEC 8 1883 ANSWERED 2	
Dated <u>Circleville O</u>		Dec 8 1883	
To <u>Thomas Edison</u>		FILE NO.	
<p>Send a <u>Commissar</u> to <u>Circleville</u> at once <u>Contract</u> for <u>five hundred lights</u> plant signed <u>to-night</u>. <u>Write me</u> at <u>Middletown</u> when he will reach here</p> <p style="text-align: right;"><u>J. B. Shaell</u></p>			

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRE.

1883-12-09
Seam Hotel,
Fall River.
Dec 9th 1883.

Samuel Danell Esq;

Dear Sir
Yours of the 6th was received.
In my ignorance of your
proposition I wrote Mr Edin
on the 6th for just such
a fraction as you now
offer me which has
no doubt been received.
As the terms you offer
are satisfactory I accept
the fraction, and have
already reported as directed.

Very Truly Yours,
Thomas Spencer,

1883-12-09

1883-12-10

Mr. Randolph,

Order these things. Mr. Clarke will tell you where to
get the Tabor indicator and will also tell you about packing.

S. Insull,

December 10th, 1883.

per G.

*Mr. Clarke will you please give me the desired information and oblige
Yours truly S. Insull*

1883-12-14

Mr. Randolph—

12/14/83

Edison Construction Company.

The Tabor Indicator you will
order from the Ashcroft Mfg Co.
111 Liberty St. New York.

Specify the following

One Tabor Indicator with drum
and guiding pulleys arranged
for the string to go to the left hand
when the operator faces the instrument.

One long piston, one short piston,
2-80 lb. springs, 1-60 lb. spring
1-40 lb. spring, 1-20 lb. spring.

2 boxes of leads, 2 skeins of special
indicator cord, Fette watch oil,
scales to accompany springs,

wrenches, screw driver and complete
outfit. State to the Ashcroft Co.
that it goes to the Professor of

mechanical engineering in the
Polytechnic Institute at Milan, Italy,
and they will take special pains
in sending an accurate instrument,
securely packed. (Specify packed
for shipment.

1883-12-19

Commercial Telegram Company.

OPERATIVE DEPARTMENT, WELLES BUILDING,

No. 18 Broadway,

FRANK B. RAE,
Superintendent.

New York, Dec. 19th 1883

Thos. A. Edison

Contra Dept 60 Fifth Ave

Dear Sir -

Replying to yours of 15th inst offering 17 cents for wire referred to in previous correspondence - I beg to say that I am informed by the owner that he has sold 600 pounds pending my negotiation and instructing me to accept your offer for balance about 1900 pounds at price stated. Will you please instruct me when to deliver - We have on hand some 80 to 100 Couplings for the wire, Cast Brass 5 inches long, bored to fit wire and

1883-12-19

Commercial Telegram Company.

OPERATIVE DEPARTMENT, WELLES BUILDING,

No. 18 Broadway,

FRANK B. RAE,
Superintendent.

New York, _____ 1883

T. Edison

having four 7/16 inch screws in each case you make me any offer for them?

Yours truly,
Frank B. Rae

10c per pound for
Couplings

KENNERLY & Co.,
Wholesale & Retail Grocers,
AND DEALERS IN
HARDWARE.

1883-12-21.

Galathea, Fla., Dec 21 1883

Mr. J. R. Campbell
New York
N.Y.

In reply to your
favor 17th inst. beg to say that
your circular mentioned ~~has not~~
been used - in the meantime
I would be pleased to
some suggestions and prices from
you - We have about 2000 in hot-
-tubs come of about the average
area, of ~~some~~ of that size -
We have not decided as to the
plant we will have in the kind
of light we will use
I would be glad to
hear from you -

Yours
Sincerely
J. R. Campbell

1883-12-21

Parker House.

D. D. Parker & Co.
Proprietors.

HARVEY D. PARKER.

JOSEPH H. BECKMAN. EDWARD G. PUNCHARD.

Boston, Dec 21 1883

My Dear Edison

Sprague says you will go to Boston and Haverhill before returning to New York so I have concluded to see Boston - and not die - but go back to New York tomorrow - Saturday morning

Am glad I came to Boston - the place is delightful - the Hotel a vast improvement on Fall River and Jenks has been more than kind. He is not at all reserved and has carefully explained to me the system and its method of working many times over I feel I am today his peer in electrical knowledge -

1883-12-21

fever, who neither smokes, drinks or
swears and my respiration has been
markedly improved by simply inhaling
the atmosphere he breathes

I shall probably start next Monday
and would like to take with me a sample
lamp of \$2.50 + 1.00 candle power and
will ask you to telegraph Tate, authorizing
him to let me have them tomorrow
(Saturday)

If Lord is O.K. when I return I
think we shall want estimates upon 12
or 15 California towns this winter
and I wish to say right here, I think
the royalty undoubtedly low and that the
value of the license should eventually
equal the royalty, and we shall probably
organize on a plan approaching that
basis. From what I have seen,
my preference is decidedly in favor
of the underground system and I
would have to see a great difference in

Parker House.

Ed. P. Parker & Co.
Proprietors.

HARVEY D. PARKER.

JOSEPH H. BECKHAM EDWARD G. PUNCHARD.

Boston, 188

The original investment to favor
overground wires in any individual
case

I am very anxious to see our
California contract, but as Kragus
says the time of your return to Mexico
is quite indefinite I fear I shall not
see you there, though I shall look
you up on Sunday. I shall in
my letter tell your wife of the
last and sweet unexpected letter
to your father received at Fall
river

Should I notice you again allow
me to thank you for your kindness and
believe me sincerely yours
L. W. Adams

Please on 10.30 train tonight for
New York

1883-12-22

Show this to
Shaw &

EDISON ELECTRIC LIGHT
GENERAL STATION SYSTEM FOR PENNSYLVANIA.

OFFICE OF STATE MANAGER.

P. B. SHAW,
STATE MANAGER.

WILLIAMSPORT, PA., Dec. 22, 1882.

Mr. Thomas A. Edison,
65 Fifth Ave., N. Y. City,

Dear Sir:- I enclose herewith a letter from George B. Markle, Jr. in which he asks for the privilege of supplying the poles for the Hazelton plant. I do not think I am correctly quoted in this letter, as I have no recollection of saying anything of the kind. However, it will probably be wise for you to address a letter to Mr. Markle and state whether or not you desire the company to make the purchase. If it will not be to your advantage to have them contract for the poles, please say to him that your contracts are so far placed for that plant that they cannot now be changed. I expect to be in New York on Thursday, and hope you will be able to give me some of your time. Everything in Ohio is in excellent shape, so far as the Installation Company itself is concerned.

Very truly yours,
P. B. Shaw

R

Mr Edison

Here is another of Shaw's
wild promises -

Tate

1883-12-23



Kansas City, Mo. Dec 23 1883

Thos. A. Edison. Esq
Construction Dept
New York

Sir,

Yours is at hand. I will
reply as soon as possible, as
to probability of purchasing lot
for central plant; in a few days.
The two maps you mention as
having been sent with yours
of 13th have not yet arrived.
Am afraid they have miscarried.
Will write again in
a few days.

Yours truly
W. H. W. W. W.

2413 Prairie ave. 1883-12-28

Chicago, Ill., 12/28/83.

Thos. A. Edison, Esq.,

Detroit, (1) Did Mr. Shaw write
you for me to work with him in Iowa?

(2) Has canvass of Knoxville, Tenn.,
been made?

(3) Do hope I will not be kept
out of employment long.

Yours truly,
A. S. Kissell.

I did not know ~~that~~ you
saw Mr. Shaw ^{you} he has said
nothing to me ^{you} better
correspond with him

E

(1883)

Smartt -

49
Have Mr D.M. Dunning Auburn ny
put in Bulletin List

Edison

Send Canvasser to Auburn ny
make good Canvasser = Garrison is
in the Co who I think will go -
E

THOMAS A. EDISON,
Central Station, Construction Dep't,
NO. 65 FIFTH AVENUE,

Form L.

(1883-28)

New York, _____ 188

Edison Electric Light System

The only system of lighting in the world
The A. Edison, contractor for the erection
of a complete system of electric lighting
by incandescence for public & private lighting
purposes, distributed from a central station
through the streets of the city, either underground
or on poles. Houses connected with the mains
& supplied with light measured accurately
by an electric meter, lights of each light
independent, turned off or on like gas
lamps of 8, 10, 16, 20, 32 & 50 candle
power each used & supplied from the same
system indiscriminately - Eight cities in
the United States lighted by this system and
37 others now to be contracted for, Central
Station in New York being in successful
operation for nearly one year supplying
light to over 750 stores, newspaper
offices such as the New York Herald Times,
Truth Commercial Advertiser, The
New York Stock Exchange, Edison undertakes
to install complete system and lease furnished
Experts to run the same & guarantee the result.
Labeled plants for Mills, Dyer, etc. etc. furnished
with Experts to set them in practical operation, for further
particulars address Thomas A. Edison, 65 Fifth Avenue

THOMAS A. EDISON,
Central Station, Construction Dep't.,
No. 65 FIFTH AVENUE,

Form L.

New York, _____ 188

Ordinary Key sockets exposed to weather
Saw this Mt Carmel = Shamakii =

Troubled for want proper wire -

On Stations, they Careless of supplies, steam
jet running & letting water around
softening plaster pans & lamps - in
supply also wire injured by getting
damp -

Says they guess size of wire for inside wiring -

Don't make good contracts, slouchy.

Appearance of station bad they leave things
round loose, eaten wires, generally dirty
no neatness -

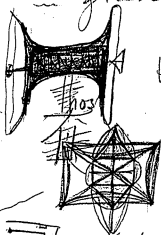
Saw many no cut-outs in feeders at station
Carelessness in use of water around base of
machine go round with umbrella when
rains

OVW

Mt. Carmel & Shamokin 1883.

Mt Carmel ~~where there~~ ~~stays~~
address duplication

~~Can~~ always start on bank -
when start steam have all
house plugs out then cut them
in gradually.



How about water nozzle
out cylinders at Shamokin
pipe not covered

~~pipe not fitted in~~



Exhaust too long in Mt Carmel,
Bad contacts dynamo leads

~~Edison~~ Edison light filter -

1000.

1250.

2000.

2

(1883)

NEW YORK _____ 188

Write a letter saying
I accept & ratify article
7 of the statutes concerning
the transfer consented to &
accepted for the price of 125,000
francs - & I also accept &
ratify the statute of the
Electric Co -

3

(1883)

NEW YORK _____ 188

Particular relating to Lamps to
be copied & sent to Upton =
Send to Achard 10 copies
Bulletin (complete sets) 1,
including No. 18 = also
put on regular list 10 copies
to be hereafter sent to
Achard =

Write Achard they better
make up a Cyclo Code
to meet their wants as to
Dynamometer Materials, &
different kinds Lamps
& materials & send copy
here ~~to~~ E

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

(1883)

NEW YORK _____ 188

④
Send Complete set of
Electrotype Arts of every kind -
to them charging cost = ✓

Send them Village plant Estimates
Maps + drawings of Installation =

Send them 3 of Farmington
+ Sims Catalogue =

~~Send Copy of all the
patents =~~

Write say

(1883)

One Supt.	200
ONE Chief Engr	150
2 Regulars	80
2 Brush men	100
1 Wiper	50
2 firemen all night	120
2 " " day	120
1 Coal passer	45
1 Electrician for all work	125
1 Lamp man	40
1 Bookkeeper	50
1 Collector	125
1 Meter man	65
1 W. ghos	40
1 Battle & water pump man	60
2 Service men	120
2 watchmen on tubes	100
2 Engrs daytime 2 night time	400

Present

(1883)

1 Supt	200
1 Chief	150
3 Regulars	120
4 Brushmen	200
1 Wiper	50
2 machinist	150
8 Firemen	480
2 Coal passer	90
2 Electrician	250
2 Lamp men	80
1 Bookkeeper	75
1 Collector	150
1 asst Collector	75
1 Meter Man	100
1 W. ghos	80
2 Boiler man int for	120
3 Service men	180
2 Watchmen intub	100
8 Engrs	800

Full 1/2 stations
 Running 3 - Dynas 1000 L Each
 " 5 - New Dyn ~~8500~~

With 2 extra new Dya (1883)

2	Empress	200
2	Brushman	100
2	fun	120
1	Coalpasser	45
1	Lainman	40

Edison

(1893)

It is very important
that Babler should
go to Lawrence
tomorrow. Will you
please look at
his answers &
say whether he will
do - so as to save
time.

Insell

Mr Insell (1883)

Please wire your
card ~~request~~ to call
Messrs. P. Wilson
of Wilson & Rogers,
St. Paul.

J. Hastings

532
1080
5312

Mr. Insell (1883)

Please communicate
with Mr. G. W. Waters
about this plant.
He will be here
in a few days.

J. H.

1883

No of Nights	Price per Candle	Average Burn	Daily Receipt	Yearly Receipt
4800	\$2.50	3 1/2	\$210	\$63000
"	"	3	\$180	\$54000
"	"	2 1/2	150	45000
"	2.00	8 1/2	168	50400
"	"	3	144	43200
"	"	2 1/2	120	36000
"	1.75	3 1/2	147	44100
"	"	3	126	37800
"	"	2 1/2	105	31500
3200	2.50	3 1/2	140	42000
"	"	3	120	36000
"	"	2 1/2	100	30000
"	2.00	3 1/2	112	33600
"	"	3	96	28800
"	"	2 1/2	80	24000
"	1.75	3 1/2	98	29400
"	"	3	84	25200
"	"	2 1/2	70	21000
1600	\$2.50	3 1/2	70	21000
"	"	3	60	18000
"	"	2 1/2	50	15000
"	\$2.00	3 1/2	56	16800
"	"	3	48	14400
"	"	2 1/2	40	12000
"	\$1.75	3 1/2	49	14700
"	"	3	42	12600
"	"	2 1/2	35	10500

4500 lights

(K 23)

	4	3 1/2	3	
Electrician	4.00	4.00		
Eng	3.80	3.50		
Comm. Motor Boy	1.25	1.25		
Water Boy	1.50	1.50		
Water	1.25	1.10		
Oil Waste	.50	.43		
Brushes	.30	.26		
Slating	.45	.45		
Insurance	1.00	1.00		
Taxes	1.50	1.50		
Motor Supp.	.45	.45		
Repairs	1.60	1.40		
Bad debts	2.25	2.25		
Removing Ashes	.75	.75		4
Lamps	19.20	16.80		
Expns	2.00	2.00		3600.
Depreciation	7.00	6.25		3000.
	<u>48.50</u>	<u>44.89</u>		<u>10500</u>
				75
				300
				<u>22500</u>
				13450
				<u>9050.</u>
		4800.		
	600	19200	3.2	4489
		1800	60	300
		<u>1200</u>	1920	<u>4800</u>
				1346700
				24
			1920	
			240	
			<u>1680</u>	
				16
				36733.
				18415-
				<u>13467</u>
				4948

4800
14400
 2400
16800

168
 300
50400
 131467
36933

16
 36733.

1346700

1883

No Lamps	Price 2000 candle	Hourly Receipts	Daily Receipts - on average			
			of 2 1/2 hrs	3 hrs	3 1/2 hrs	4 hours
4800	150	36.00	27,000	32,400	37,800	43,200
	175	42.00	31,500	37,800	44,100	50,400
	200	48.00	36,000	43,200	50,400	57,600
	225	54.00	40,500	48,600	56,700	64,800
	250	60.00	45,000	54,000	63,000	72,000
	275	66.00	49,500	59,400	69,300	79,200
	300	72.00	54,000	64,800	75,600	86,400
	325	78.00	58,500	70,200	81,900	93,600
	350	84.00	63,000	75,600	88,200	100,800
	375	90.00	67,500	81,000	94,500	108,000
	400	96.00	72,000	86,400	100,800	115,200
	425	102.00	76,500	91,800	107,100	122,400
	450	108.00	81,000	97,200	113,400	129,600
	475	114.00	85,500	102,600	119,700	136,800
	500	120.00	90,000	108,000	126,000	144,000
	525	126.00	94,500	113,400	132,300	151,200
	550	132.00	99,000	118,800	138,600	158,400
	575	138.00	103,500	124,200	144,900	165,600
	600	144.00	108,000	129,600	151,200	172,800

Months of May sharks⁽¹⁸⁸³⁾
an average of 586
lamp hours burning
24 hours every day this
represents 800 lamp hours
every day all year round

2 the cost ~~of operation~~
~~expense for gas~~ ~~at~~
~~the lamp average being~~
~~therefor~~ * 800 average
will be \$24,000
25,800

1884

3 (1883)

Cost total \$302,491

Annual profit on
basis of month May
\$19,776

Central Station (1883)
 4 July there will be
 1300 this is the poorest
 month in the year

Coal per lamp per
 hour 1 lb.

452 ~~lb~~ coal
 96 water
 \$355 lamps

445

1203 445 / 1203 | 2.70

2.70
 1300
~~270~~
 270
567.00
 1203
 2307

1.2
445
 \$500

445
5840
 24
 2136
 1068
12816
 31
 12816
 58448
397296
 1203
2769

(1883)

Total \$ 4908.09 for 445 lamps
 \$ 2307.
 \$ 7215.09

3/
24
 124
124
 744
74400
 223200
 744
 967200 lamp hours at -
 \$6.00
 \$71606.40 Receipt

(1883)

584- 115
 100
 797 109

1888
 157

115- 584
 157
 4088
 2920
 584
 115) 91688 (797
 8058
 11055
 838

It is presumed that ¹⁸⁸³
 there will be by
 Aug 1st an average
 lamp hours of 2200 -
 the station labor will
 be same.

Coal oil + lamps will be
 \$6600 per month
 Salaries will be \$2960
 or total \$9560
 \$114720

(5)

(5)

3 Salaries are ⁽¹⁸⁸³⁾ \$2960
per month making
total of \$3600 or
\$64.32 annually.

800 lamps for 24 hours
for 365 days is 7,008,000
lamp hours

7,008,000 lamp hours at
1.2¢ per hour =

\$84,096 annually

\$84096

64320

\$19776 profit

thus —

⁽¹⁸⁸³⁾
Absolute Cost of Station
Absolute Cost of Light

01081710

2200 lamps X 24 hours
X 365 days = 19,272,000 (1883)

Receipts 19,272,000 at 1.12¢

Expenses

231.264
<u>114.720</u>
116.544

Total amt. expended (1883)
 Including real estate
 2554257 Pearl St. \$436275.55
 Cost of fuel & other
 special lights 33187.83
 \$403787.92
 Cost of half the
 conducting
 wire (1/2 share)
 to dynamo \$72000.00
 (Cable cost 12500)

6250  210
 20
 620

Total cost 327260
 Cable dynamo 50000
 77260
 Expense cable 159087
 118173
 New dynamo 72000
 \$190173 total cost of station only
 8 dynamos
 12800 lamps

Engine 750 v 8 1/2 x 10 (1983)
 Foundation 225 v
 Boiler } 750 v
 (Setting)
 Stack 140 v
 Foundation 20 v
 Exhaust Pipe 25 v
 Counter shafting 150 v
 Pump 100 v
 Piping valves 100 v
 Dynamos 150 v
 60 + 550 v
 40 v
 1100 volts - 300 v
~~1150~~



115

W Belting	460.00 60.00	3 Cells	69.50
Automatic Regulator	125.00	Large Battery	100V
Wiring	225.00	10 Cells	
Six Thompsons		Secondary Battery	150V
Galvanometers		Supply of	
Scales		Chemicals	
Lamp Stand	6.00	Apparatus for	
etc		meter work	500V
Six Wheatstone		Two Balances	200V
Bridges	9.00	Set of Standard	
Power Rheostat		Batteries	50V
for Low		One microscope	150V
Resistance	8.00	One Photometer	
Set of Standard		Apparatus	
Set of		for measuring	400V
Silver Shunts	1.50	Gas to Gas	
250 Cells	350V		
Batteries			
connected	69.50		8.50

(checked by W. J. Smith Nov.)

50 ft wide 117 ft deep (1893)

\$145627 total cost
80000 old dynamo

\$105627

35209 add for extra labor

\$140836

72000 add for new dynamo

\$212836 total cost of station only

30000 dynamo

12000 lamps

1 dynamo -

\$9000 - 1600 lamps
including engine

(1883)

\$11606-

7200

\$4406 Balance Profit

12 months

\$52872

2000 Camps per hour
average for the entire
year.

~~\$45,000~~
\$345,000

15 percent 52

6133

Mary C. White Jr (1883) Chairman
Geo Knapp Am Et
D.M. Cebon
J.A. Cook
D.A. Smith
J.S. Baker
A.H. Lawton
B.C. Smith
D.H. Adams
Lewis, E. Lyon
E.M. Birdsall
C.A. Smith
Clapp
Jno Brainard
Capt White
Parties at Auburn

18
List of
Organizers at
Auburn

ep

(1883)

Gen. D. B. Rice Journal

J. Crozier

A. W. Palmer

Dr. Porter

Hubbell

M. S. Price

P. Burns

Frank Dennisson

R. H. Green

E. Rice

P. V. Ranger

Thayer

De W. H. Keaton

T. McCarthy

D. Rosenbloom

Joe Skinner

C. Cook

Parties in Syracuse for
local Co

Parties interested
in Syracuse in
Local Co.

*Robert Gladi
32 Street, Boston
Dr. John Quincy Adams
Boston 65 Annual*

COMMENT OPENS AND FACT

I called on Thomas A. Edison yesterday. He seems happy. The light of the Madison square district is to be put in this next summer. "We are now lighting with electricity," he said, "the towns of Lawrence, Brimfield and Fall River, Mass., Southbury and Shinnokto, Pa., as well as Ohio. In 20 days we shall have got Newburgh, N. Y., Mt. Carmel, Harpers, Buffalo, Williamsport and Wellsboro, N. Y., and Piqua, Madison and Circleville, Ohio. We are making estimates for more than a hundred towns, and the pressure and price of gas are no perceptible difference."



W A Croffut
337 W 25th St
N Y City

1883. Electric Light - Thomas A. Edison Construction Department -
Accounts (D-83-041) [not filmed]

This folder contains routine financial and bookkeeping records. Included are accounts, employee time sheets and expense vouchers, and invoices and shipping receipts for construction supplies. Most of the documents pertain to routine expenses such as the purchase of system components and miscellaneous supplies. Related material can be found in the Accounts Series.

1883. Electric Light - Thomas A. Edison Construction Department - Canvassing (D-83-042)

This folder contains correspondence and other documents pertaining to the canvassing of prospective towns for the installation of central stations. The areas visited by the canvassers were primarily in the East and in the Midwest. Much of the correspondence is by canvassers Charles H. Cooke, Paul D. Dyer, and George W. Wilber. There are also numerous letters by Charles F. Richardson, who prepared maps of central station districts. Documents relating to the canvassing of one specific station can be found in the folder for that station.

All the documents have been filmed except for a map of St. Paul, Minnesota and a printed circular describing the "Principal Cities on . . . [the] Louisville and Nashville Railroad."

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been asserted to by the sender of the following message. It does not be bound in any way for receiving a message back to the sending station or outstation, and the company will not be liable for errors or delays in transmission or delivery of telegraphed messages beyond the amount of tolls paid thereon; nor in any case where the claim is not presented in writing within sixty days after sending the message. This is not a RECEIVED MESSAGE and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK	
215	Mc D.	U Paid	1	100am
852 BROADWAY.				
Received at 791 BROADWAY.			June	18 1880 3
Dated: St Paul Minn. B.				
To: Saml Insull				
65 Fifth Ave.				
Arrived six thro am at				
Metropolitan Hotel will write today				
C. A. Cooke				

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

43.

June 18. 1913

b. H. Cooke

tel.

Arrived 6 A. M. at
Metropolitan Hotel

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

1883-06-19.

St-Paul Min.
New York June 19th 1883

Thos A. Edison Esq.,

Dear Sir

I arrived here 6 o'clock yesterday AM and last evening made a careful inspection of the sewers. I enclose you small maps with the district I have selected as the best to canalize. Enclosed in Blue Linen.

The above is in the heart of the business portion of the City. I find that $\frac{1}{3}$ at least of the streets are lit by the "Tullock" light which I learn is controlled by the Gas Co & that there is very few places of business lit by Gas owing to high prices charged. As yet I have seen or heard nothing from the local company here.

I will send you maps which I am now plotting on scale of 200 ft to an inch of district with lights located upon it. In few days notes of above maps have kindly been placed at my command by the City Engineer.

Hoping the above may prove satisfactory I remain

Yours Respectfully
C. H. Hooker
Metropolitan Hotel
St-Paul
Min.

1883-06-21

Metropolitan Hotel,

E. C. Belote, Proprietor.

St. Paul, Minn., June 21st 1883

Saml, Insull Esq

Dear Sir

yours 18th inst rec^d to-day
I now expect to finish here in about four
days when I will send you maps of District-
with lights Located & showing No of hours
burning time. Map on scale of 100 ft = 1 inch
Will you kindly inform me where to go
to from St. * Minneapolis.
Mrs Wilson now expects to be in New York
about July 10th

Yours Res^{ly}
E. C. Belote

THOMAS A. EDISON.
No. 65 FIFTH AVENUE.

1883-06-25

Write him that ^{St. Paul Minn.} NEW YORK June 25th 1883

our other canvassers go over the
ground in day time put
down nos of houses
New York

Dear Sir so they can work quicker
at night

Yours of the 21st recd. - recd. this AM

I in reply would say that I expect to finish canvass of St. Paul this
evening will finish copy of notes & Location of Lights on map tomorrow
AM & will forward same to you tomorrow noon,
When I shall have here for Minneapolis's beginning canvass there tomorrow
PM.

On receipt of notes & map will you kindly let me know if same
are satisfactory

I shall make from day keeping along with canvass when I otherwise
would have nothing to do.

I find very little can be done on canvass during this day,
For Thos. P. Wilson now expects to be at your Office about July 10th

Yours Respectfully
C. H. Clark

My address in Minneapolis will be
Nicholletts House,

1883-06-26

Metropolitan Hotel,

E. C. Belote, Proprietor.

St. Paul, Minn., June 26th 1883

Saml S. Gould Esqr.

Dear Sir

Your favor of the 23rd inst
recd this AM.

I will extend the canvass Westward from
Marshall St to Washington St and North
taking in 8th & 9th Sts, which I think will give
you an idea of the business in this part
of the City outside of district already
canvassed. I am sure it will also explain
my reasons for not having taken in larger
district originally.

I will probably remain here 3 or 4 days
as it will take that time to finish
The residences are all on the Hill about
1/4 of a mile from here.

Yours respectfully
E. C. Cook

ENGINES, BOILERS,
—AND—
MILL FURNISHING
GOODS.

WILSON & ROGERS,

316 and 318 Robert Street,

1883-06-28

St. Paul, Minn. June 28th 1883.

Steam Pumps,
Injectors,
Inspirators,
Steam Gauges,
Cant Dogs,
Saws, Files,
Emery Wheels,
Rope,
Lath Yarn,
Shingle Bands,
Pulley Blocks,
Lubricating Oils,
Board and Log Rules,
Axes,
Rubber and
Leather Belting,
Hose and Packing,
Wood Pumps
and Tubing,
Iron Cistern, Well
and Force Pumps,
Gas and Steam
Pipe and Fittings,
Gas Fixtures,
Etc., Etc.

Saml. Insull Esqr,

Dear Sir

Yours of the 26th rec^d this
a.m. in which you ask if you are to understand
that in all cases I will see that you get the
necessary maps.

I in reply would say that I will in all cases
send you an accurate map and all other
information you may require. If I have
neglected to mention any thing in my so. report
on canvas ^{of St. Paul} will you kindly inform me of
same by mail and greatly oblige.

Very Truly yours

C. H. Cooke

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

Personal

1883-06-28

NEW YORK

June 27 1883

Mr Insell:

Dear Sir:

I arrived in
Renovo last night after being
about 10 hrs out from Erie.

I was accompanied by
Mr Clarke, who is a very agree-
-able travelling companion.

Clarke is on his way to
Baltimore -

This morning we surveyed
the town & I was introduced
to every one who could be of
any possible service to me -

This is a beautiful place,
artistically speaking.

Renovo seems to be situated
in a hollow, from all sides of
which mountains rise abruptly.

It puzzles one, on looking
out in the morning, how he
could have reached such an
impenetrable place, without

a tedious journey over rugged
mountain paths, on mule back.

I almost dread to commence
work: the picturesqueness of the
surroundings has flooded my
soul with poetry.

A "gentle dalliance" under the
grateful shade of some of the
magnificent trees here would suit
my condition much better than
business.

I will "come off" all right
after I have made several rounds
in the mud to night with a lantern.

A map of Penovo was not
procureable in the stores: and
as a map is essential in the
beginning, I purchased one
that has long been the only
ornament of an Penovo aristocrat's
parlor.

The map is just the thing;
it is about three feet long, and

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

3

1873-06-27

NEW YORK.....188

a scale of 160 ft to the inch, and in itself contains very detailed information. It cost me \$3.

I may possibly get through sooner than I expected, perhaps soon enough to depart early Monday morning. I can't tell absolutely until a couple of days work; because I can't tell beforehand what difficulties may present themselves.

I have \$10 in my possession + after paying about four days hotel expenses at this place, I may not have enough to depart on. Can't money be telegraphed me -

I am keeping my accounts all straight + at the end of this month, will send it in entire + if it agrees with yours, you can credit me with what balance is due on salary, so I can

THOMAS A. EDISON,
No. 65, FIFTH AVENUE.

X

1883-06-28

NEW YORK _____ 188

close my ledger once a month,
& begin over again.

There will be two sections to
this canvas. The P & E. R.R.
Shops on one side of Erie Ave, &
Penros on the other.

It strikes me forcibly, that
an estimate should be submitted
to the people here, of these sections
separately.

The P & E. R.R. Shops have the
maxim light throughout. And if
an estimate be submitted including
these places, & they never become
consumers, there would be that
unnecessary unit in conductors.

An electric system is wanted
here & the people will subscribe;
but they are all poor & can't subscribe
a very large amount.

Very Truly
Paul P. Dyar

(Penros Hotel)

[FROM PAUL D. DYER?]

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Service can be resumed only by receiving a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of messages beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is a **URGENT** MESSAGE and is delivered, or request of the sender, under the conditions stated above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
429	W. D. Dyer	J. P. A.	1116
Received at 791 BROADWAY.			
Dated, Reno, Va. 28			
To J. W. Edison 65 fifth av			
Will leave Reno Wednesday			
Morning			
Dyer			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
459	Can	91a	A.
Received at 092 BROADWAY.			
Dated Renovo Pa 29. June 29 1880 ³			
To Samuel Insull 65 fifth av			
send letter will get it			
monday morning in Renovo			
Dyer			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the writer of the following message. Errors can be avoided against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

T. S. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
294	30 W	21 Paid	234
Received at 79 1/2 BROADWAY, New York			
Date Remo Pa 2			
To Saml Insull 65 Fifth Ave			
Will finish canvas to Night Letter			
Will reach me in Remo			
Announce mailing if mailed within			
two and half hours send check			
Lyn			

This telegram has just been received at the office in 79 1/2 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE.

1883-07-02



THE NICOLLET HOUSE.

JOHN T. WEST, Proprietor.

Minneapolis, July 2^d 1883

Saml Insull Esq.

Dear Sir

Yours of 28th inst-
just-rec^d your wishes shall be complied
with.

I hope to send you small map of this
place this P.M.

Will you be so kind as to send me funds
for expenses here as I only have about
enough to pay expenses here with & as this
is as much better toward to canvass than
St-Paul I hope to get through with it
this week.

Kind I made mistake in date of
my last letter should have been 29th
but was dated 28th

Saturday night-I took canvass of

Washington St-7 was very much
surprised at no of Electric lights in
use as high as 12 in our stes.
Hoping soon to hear from you &
remain

Truly yours

C. H. Hooker

I learn that I can buy 10000 miles
tickets good over the roads at 2 cents
a mile thus saving from 1 cent to 1 1/2 cts
per mile. would it not be well for us
to get our city cars good for our gear.

Yours C.

Wm. H. Hooker
to Mr. Hooker
will send map
today
+ request check
on the 17th
175

1883-08-03



THE NICOLLET HOUSE.

JOHN T. WEST, Proprietor.

Minneapolis, July 30th 1883

Saml. Insull Esqr,

Dear Sir

Yours of June 30th at hand, in reply would state that I always go over during the day the portions of district to be canvassed at night - taking the number of building names, of consumers & since receipt of yours of 28th inst - the sign of trees if any on side walk or curb.

I also flat during the day notes taken the night before so that immediately upon finishing a canvass I can forward completed maps with the notes to you.

I can assure you that I get over as much ground as I possibly can with accuracy every 24 hours.

Yours Respectfully, C. H. Cooke

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been printed on the reverse of the following message. It cannot be received unless sent by repeating a message back to the sending station for correction, and the company will not be liable for errors or delay in transmission or delivery of messages, except the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions named above.

THOS. T. BICKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CLASS	DATE
304	H. V.	M. Paid		3

Received at 791 BROADWAY July 3 1888
852 BROADWAY
Dated Renovo, Pa 3
To Sam'l Small 65 5th
Where will I go next letters
will be forwarded to me
Agin.

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THEO. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
52/8	C. N.	12 Colles	540
Received at 791 BROADWAY		July 3 1882 ³	
Dated Minneapolis Minn 3			
To Paul Insull Edwin C			
65 Fifth av			
sent map and notes by United			
states express June twenty with			
CIT book			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

1883-07-03



THE NICOLLET HOUSE.

JOHN T. WEST, Proprietor.

Minneapolis, July 3rd 1883

Saml Small Esqr.

Dear Sir

On receipt of your
dispatch I went to W & E's office in St Paul
and learned there that maps & Cassin
Book should have been delivered in New York
Monday or on July 2nd

They have sent orders out & will report
back to me

I hold E's Co receipt for \$100 value on
the two packages.

Yours Respectfully
C. H. Hooker

THOMAS A. EDISON,
No. 65 FIFTH AVENUE.

1883-07-03

Removo July 3 1883
NEW YORK

Mr Samuel Insull
#65-5 Avenue N.Y.

Dear Sir:

Enclosed please find Express Company's receipt for package expressed this morning. After I shipped papers I got your Saturday letter containing check - The letter contained no information as to my destination.

The 11 o'clock mail today will bring your letter of yesterday afternoon, no accident preventing.

There are four trains a day from this point - two East & two West - After I receive my instructions I will take first train.

In answer to you

THOMAS A. EDISON,
NO. 65 FIFTH AVENUE.

1883-07-03

NEW YORK.....188

letter June 26th; about the location of private residences on blocks. You want the distance of houses from the street. Their distance from the corners and the space between them &c.

If I apprehend your question rightly, I can approximate the required distances very nearly; or actually go over the ground with a tape measure, without any considerable loss of time.

In this connection -

The Residences of Remond are all, without a single exception, on the street; and as I have stated in another letter, to a certain point East. They are not over 10 feet apart at most.

Very Respectfully,
Paul Dyer.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of time paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
400	EST.	W Collect	
Received at 791 BROADWAY.			
Dated Minneapolis Minn July 18 1880 ³			
To Saml Insull			
65 Ave			
Finish her. Monday shall I			
draw on you at sight			
for expenses known			
A. C. Coker			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after receiving the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THEOS. T. ECCLESY, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
852 RPO	Wg	Ljn	10/aid
781 BROADWAY.			
Dated		July 9 1882	
To		Same Insull 65-5 army	
Will finish lodgement in four days			
address fallen, house send			
cheer			
Dyes			
Received by J. G. H.			

This telegram has just been received at the office in 781 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions holding in its City, which have been accepted by the sender of the following message. It does not assume liability for receiving a message back in the sending station for competition, and the company will not be held liable for errors or delay in transmission or delivery of telegraphed messages, except the amount of time paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE and is delivered by request of the sender, under the penalty named above.

THOS. T. ROCKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
57	W. H. Dy	J. Fair	9 20
Received at	791 BROADWAY,		July 9 1888 ³
Dated,	Allefonte Pa 9		
To,	Samuel J. Powell		
65 fifth ave			
Am off for Lockhaven all			
Papers Express			
Dyer			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

Thursday July 12/12

1883-07/12
Eric Pa. ^{1883-07/12} Ready for print-
ing.

Canvassing depart-
St Paul Minn. nearly ready
for printing. ^{work} Waiting for
decisions on one or two
points before completing.

Renovo Pa. Ready for
mapping subject to one
or two decisions.

Bellefonte Pa, as
Renovo.

Hartford Ct. In hand
will be ready for map
work by morning.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its Liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
56	Born	Zopa	91
Received at 85 1/2 BROADWAY.			
Dated		July 13 1888 ³	
To		Samuel Insull 65 Fifth av	
Your telegram was given to me this morning I am all through was going to Carlisle will wait for reply			
Dyer			
This telegram has just been received at the office in 100 BROADWAY, near Tenth Street, where any reply should be sent.			
DIRECT WIRE.			

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been asserted to by the sender of the following message. Errors can be avoided, except only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of this paid. However, in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
H65	gn	gza	V10
Received at 791 BROADWAY.			
852 BROADWAY.			
Dated Lockhaven pas			
To same Insull 615 Fifth Ave			
Leave for Hamilton four cables			
Lockhaven Canoe as expressed			
Dyer			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assigned to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the error is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED BY	CHECK
710	C	R. M.	\$1.75
852 BROADWAY.			
Received at 701 BROADWAY.			

Dated Hamilton O 14 July 14 1883³

Edmund Insull 65 Jane

Just arrived in Hamilton Ont
 tell wife Monday how long
 Caravan will take better not
 at postoffice care St Charles Hotel
 W. W. W.

This telegram has just been received at the office in 701 BROADWAY, near Fifth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS **WIRELESS** messages only on conditions limiting its liability, which have been accepted by the sender of the following message, or delivery of telegraphed messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an **UNREPEATED MESSAGE** and is delivered, by request of the sender, under the conditions named above.

NO. <i>100</i>	SENT BY <i>K. M. Rnd</i>	REC'D BY	CHECK	NORVIN GREEN, Pres. <i>730</i>
----------------	--------------------------	----------	-------	--------------------------------

Received at **752 BROADWAY.** *July 16 1883*

Date *Hamilton Ohio 16*
 To *Samuel Knoll*

*Sixty five 5 Ave. My
 Received Letter will be in 7 days
 On Canada will write fully tonight
 Lynn*

This telegram has just been received at the office in 751 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

1883.07-18



WAVERLY HOUSE.

W. H. COTTRILL, Prop'r.

Appleton, Wis. July 18th 1883

Saml. Insull Esq.

Dear Sir

I left Davenport 11.15
last evening arriving here 7 this P.M.
I had few hours in Milwaukee & while
there saw Mr C. H. Masten who was
negotiating to wire the new Opera House
new building & I believe closed this
afternoon.

Will you kindly send to me here
funds for Expenses

Even what I have seen of this town
do not think it will take me over
our work here.

Please send by return mail & oblige

Yours Respectfully
C. H. Cooke
Waverly House

Map and Census Reports ² 1883-07-28.
P.M. July 28/83

Hartford Ct. Came 10th

Ready for drafting.

Minneapolis, Minn. Came 12th

in hands of Quinnes drafting.

Pittsfield, Mass. Came 17th

ready for drafting.

Davenport Iowa, Came 20th

St. Adams Mass. Came 24th

Hamilton Ohio, Came 24th.

First Ward drawn. Balance over

under way in Peep's hands.

Will take three parts.

Danbury Ct. Came July 28

Georgetown Ohio July 28.

Respectfully
Chad Richardson

Mr. S. Hussey

THOMAS A. EDISON,
Central Station, Construction Dep't.,
No. 65 FIFTH AVENUE,

1883-07-30^{PM} II.

New York, July 30 1883

5 P.M.
Map & Canvas Reports
Newford Ct. came 10th, Ready
for drafting.
Monmouth, Maine, will be ready to print
early tomorrow.
Pittsfield, Mass. came 17th, ready for
mapping.
Danvers, Iowa came 20th,
So. Adams Mass. came 24th,
Hamilton, Ohio came 24th,
Map completed by Wed. noon
probably, made in three parts.
Danbury Ct. came 28th,
Georgetown, Ohio " 28th,
Appleton Wis. " 30th,

Respectfully
Thos. A. Richardson,

Mr. S. Small,

1883-98-01

Map and Coast and Report
P. 21 Aug. 1883

Newford Ct. Conn. July 10th
Drafting by Lewis Marsden

Pittsfield, Mass. Conn. 17th
Ready for drafting

Dorchester, Va. Conn. 20th
Ready for drafting

St. Adams, Mass. Conn. 24th
Ready for drafting

Hamilton Ohio Conn. 24th
Drafting by Ruf. nearly
ready.

Danbury Ct. Conn. 25th

Georgetown Ohio " "

Appleton Wis " "

Middletown Ohio " Aug 1st

Southampton Ct. Conn. Aug 1st

Copy
C. F. Richardson



PASSENGER ELEVATOR. STEAM-HEAT THROUGHOUT.
HOTEL DU SART MEETS ALL TRAINS.

1883-08-03
HOTEL DU SART
J. M. WOOD & SON
PROPRIETORS

Racine Aug 3rd 1883

Saml. Insull Esq

Dear Sir

I shall finish here
Tuesday next - and as I do not think
The people of Milwaukee will be in
shape to have my business work
done will very kindly telegraph me
where to go to find him, in case
they are not ready for me in
Milwaukee I do not know what the
trouble is at that point - but do
know that Mr. Staskins does not
want - survey made for some
weeks to come
Please send me funds to my
point.

Yours Respectfully
C. J. Cook

FILE NO.

THOMAS A. EDISON,
Central Station, Construction Dep't.,
No. 65 FIFTH AVENUE,

1883-08-03 Form H.

New York, Aug 3 1883
5 P.M.

Maps and Curves Report
Hartford. Maps in hands of Guimaraes,
drafting.

Pittsfield came July 17. In Prof's
hands, drafting

Danversport, Vt. came July 20.

Ready for drafting

W. S. Lucas, Mass. came July 24.

Ready for drafting

Wilmington, O. came July 27.

Blue prints now ready.

Dorchester, Ct. came July 28.

Ready for drafting.

Georgetown, Ohio came July 28.

Ready for drafting.

Appleton, Wis. came July 30.

Ready for drafting, except some
for points the which more light
is needed from Carrasco.

Middletown, Ohio came Aug 1st

Ready for drafting.

Southampton, Ct. came Aug 1.

Norwich, Wis. came Aug 2^d

Respectfully C. F. Richardson

Personal 1883-08-03

CITY HOTEL

A. J. ROE & SON, Proprs.

Pay to Aug 3 1883

Mr Samuel Lloyd
#65-5th Avenue N.Y.

RECEIVED
AUG 21 1883
FILE No.

Dear Sir:

I arrived here at an early hour this morning. I got a batch of letters from the P.O. (including the forms). Allow me to thank Mr Edison and yourself for your generous appreciation. If my interest in the Edison business could possibly be increased, this would have a tendency to do it. I will try to have my work show that I appreciate your confidence.

Very Respectfully
Paul D. Over.

Aug 3 1880

P.S. Allen
15-
H. Allen

Mr. Smiley

There is that letter
your spoke of the
other deal

W. Allen
C. 15

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been specified to by the sender of the following message. Errors will be pointed out only if reported at the sending station for correction, and the company will not be liable for errors or delays in transmission. This is a **UNREPAIRED MESSAGE** and will be delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

NUMBER 203	SENT BY A	RECV BY Mo 13021	CHECK
---------------	--------------	---------------------	-------

Received at 854 BROADWAY, 791 BROADWAY.

Dated / Minnetonka Ill 9 Aug 9 1882-3

To / Saml Insall

J. Edison Electric Light

65-5 Ave

ready at. Manslee tomorrow

I do answer Chicago

C. N. Cooke

This telegram was just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

*Hand to action
to New York ready
to office*

1883-08-09

Form No. 1

THE WESTERN UNION TELEGRAPH COMPANY.

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This is an UNREPEATED MESSAGE, and is delivered by request of the sender under the conditions named above.
THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER 7 SENT BY C.P. READ BY Wm. 10 CHECK PAID

Received at Piqua, O 11 AM Aug 9 1883

Dated New York 9
To P. D. Ayles City Hotel

Draw on me at one days sight for fifty dollars

File Thos A Edison

1883-08-10

New York,

Aug 10th

1883

Maps completed.

- ✓ Shamokin Pa ✓
- ✓ Brockton Mass ✓
- ✓ Lawrence Mass ✓
- ✓ Sunbury Pa ✓
- ✓ Danville Pa ✓
- ✓ Evansville Ind ✓
- ✓ Charleston S.C. ✓
- ✓ Biemes by no. Argentine Republic ✓
- ✓ South Mass ✓
- ✓ Governor's Island N.Y. ✓
- ✓ Lowell Park ✓
- ✓ P. & R. Depot ✓
- ✓ St. Louis Mo ✓
- ✓ Fall River Mass. ✓
- ✓ Cairn of the Antares X
- ✓ Waterstown Pa ✓ X
- ✓ Utica N.Y. ✓ X

Erie Pa
 St. Paul Minn
 Renoa Pa.
 Bellfonte Pa
 Hartford Conn.
 Minneapolis Minn
 Lockhart Pa
 Hamilton O.
 Haverhill Mass
 Norwich Conn
 Middletown O. X

Cawassaw in office
 Pittsfield Mass. ✓
 Davenport Ia.
 North Adams Mass
 Danbury Conn.
 Georgetown O.
 Appleton Wis
~~Middletown O.~~
 Southington Conn.
 Xenia Wis
 Washington Ct. O.
 Piqua O. X
 Racine Wis.

1892-08-13

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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Errors can be corrected only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.
This is an **UNREPEATED MESSAGE** and is delivered by request of the sender, under the conditions named above.
THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY
494	Wm	Mrs. E. P. [initials]

Received at **791 BROADWAY.** Aug 13 1892.

Dated Lima O

To Mr. Daniel Insull, 65-5th Ave

Have received check from Insull
do not send refer

[Signature]

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

Freehold, N. J., Aug. 14th 1893

J. A. Edison, Esq.,

Dear Sir:

Referring to your communication of 10th inst, laid on my table on the morning of the 11th, I would respectfully ask a hearing in my own defence.

Until I read the note, I had received no intimation whatever that my work was not satisfactory to yourself. Had you said to me that I was making errors in my calculations or that some of my letters were liable to be mistaken for figures, 9 for 9 for example, I would cheerfully have gone over the ground and rectified them all. I admit that differences were alleged to exist between the amounts of lights found on the records and those otherwise found, but I submit that the real differences were not sufficient to warrant dismissal without notice to come. You must admit, I think, that no canvasser can give an accurate report of the total number of lights used in the district canvassed; that much of the ranking of houses is a mere matter of opinion, in which it would

hardly be probable to find two
men to agree throughout a town.
For what might be an honest dif-
ference of views, would it be just to
condemn one unkind or without
a kind word of caution?

In regard to the map work, I
have never refused to draw maps.
On the other hand, I never had any
facilities for drawing them furnished
me. I asked Mr. Campbell for a
drawing table last week, and he
promised one should be brought
to the room for my use. It failed
to appear up to the time of my
leaving. Whose fault it was, I
cannot say. I know I applied
for it, and it did not appear.
During Mr. Puff's illness, one day
last week, I used his table as
much time as I could spare
from writing up the canvases.
I never claimed to be an expert
draftsman, but was willing to
do my best at the work of map-
making, and would have re-
ceived gladly any suggestions
you might make.

I tried daily as I had strength
given me by my Maker, to sur-

you faithfully as I understand
your wishes, wherein I failed
it was not from the heart. I ap-
preciated your liberality towards
me and would cheerfully have
done right duty had it been
requested. I feel your decision
was made without giving me
a hearing which it seemed to me
I should have had. Still I may
be wrong.

May I ask if there is not
some other work I can do in the
line I understand I was originally
to work - as a canvasser - that I
may not be cast entirely adrift
in seeming disgrace. Please do
me the favor to allow me to try
and win back the good name I
seem to have lost with you. Let
me make at least one canvass
and see if it will not be free from
errors. As you were so kind as to
pay me for services you have not
received I am willing to do this
at no additional expense in sal-
ary if it takes no more than
one week.

I write in no spirit of anger
or disrespect. I only ask a

3 chance to win again my good
4 name, which I have always
5 been taught was better than
6 great riches.

7 With best wishes for
8 your continued success in
9 illustrating

10 I am, Dear Sir,

11 Very Respectfully,
12 Chas. F. Richardson,
13
14
15
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21
22
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26
August 14th 1893

C. F. Richardson

re this document

Form No. 1.

1883-08-15

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of messages. No message, except the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after the date of transmission. This is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
1145	W. H. P.	W. H. P.	

Received at 852 BROADWAY.

Aug 15 1883

Dated Seneca O. N.

To Saml Russell

Ad. J. P. Ave

Bennett Leiser to August
 nineteenth afterwards
 Seneca Co
 Dwyer

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been presented to by the sender of the following message. Errors can be avoided only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of unreplicated messages, beyond the amount of coin paid thereon, nor in any case where the delay is not proceeded in writing within sixty days after sending the message.

This is an UNREPLICATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

T. E. ECKHART, General Manager.

NORVIN ORKEN, President.

NUMBER	SENT BY	RECD BY	CHECK
85	W. H. B.	W. H. B.	100
Received at 862 BROADWAY.		Aug 17 1888	
Dated, <i>Haverd from N.Y. 17</i>			
To, <i>Samuel Inaull @ Jones</i>			
<i>65 Fifth Ave</i>			
<i>Finished in Newburgh will finish</i>			
<i>here tomorrow noon see</i>			
<i>you tomorrow</i>			
<i>C. H. Cox</i>			

This telegram has just been received at the office in 781 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRE.

1883-08-19

-Office of-



PRATT'S HOTEL.

Personal G. C. PRATT, PROPRIETOR.

Washington Street, South of Madison.

Tiffin, O., Aug 19 1883

Mr Samuel Lusk
#65 - 5th Ave N.Y.

RECEIVED
AUG 23 1883
ANS

Dear Sir:

FILE NO.

You personal letter of
Aug 14th I got from Tiffin.
P. O. last night.

I received your letter at
Hamilton notifying me of my
increase of Salary, which I
answered at length from that
point. I have not received
any direct impression of
Tiffin yet, from a business
point of view, or caught on
to any information of im-
portance. But will write
after a couple of days work.

1883-08-19

—Office of—



PRATT'S HOTEL.

G. C. PRATT, PROPRIETOR.

Washington Street, South of Madison.

Tiffin, O., 188

A map of Tiffin is not so easily procurable as Piquette or Lima: but I will manage to get one by some means.

The next town on the list is London, Madison Co.

I will skip London & go to Ravenna next: and go to London from Marietta.

The reason of this is, I will have to take four different roads from this point, two of them not making connections. While from Marietta I will only have to hand on two roads making close connections at Columbus.

Very Truly Yours
Paul D. Dyer

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message.
Errors may be made and claims may be presented for damages only by requesting a message sent to the sending station for correction, and the company will not be liable for damages in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within three days after sending the message.
This is a **UNREPEATED MESSAGE** and is delivered by request of the sender, under the conditions stated above.

THOS. T. ECKERT, General Manager.

HOWLIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
336	B	684	

Received at **791 BROADWAY**

Aug 20 1882

Dated, Portland Me 20

To, Saml Insull
35-5 Ave

Just arrived united State
Hotel Portland
C St Crose

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

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This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

1883-18-21

THOS. T. ECKERT, General Manager.

NORVON GREEN, President.

NUMBER	SENT BY	RECD BY	OFFICE
306	Wm	M. B. 12 per	
Received at: 652 BROADWAY.			
Aug 26 1883.			
To: David Palmer Mass 2			
To: Saml Inoull or Thomas A Edison			
65 fifth ave			
Benjamin Spencer Mass. Tomorrow			
send check salary of \$20 to date			
here today			
By W. Milnes			

This telegram has just been received at the office in 652 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-08-22

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been adopted by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for transcription; the company will not be held liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, and in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions specified above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED BY	CHECK
46 B	ps	Com	Paid 10/27

Received at the WESTERN UNION BUILDING, 196 Broadway, New York *Aug 27* 1883.

Dated *Carlisle ME 22*

To *Saml Inull*

65 Fifth ave nyc

Wired you yesterday for orders

have not heard

Ch Cooke

1883-08-23



Aug 23^d 1883

Thos. A. Edison Esq

Dear Sir

Enclosed
 please find special reports of
 Newburgh & Haverstraw in
 and Portland Me. Please excuse
 the neglect upon my part of
 not handing Newburgh & Haverstraw
 reports in when in New York.
 I also enclose you state ment of
 Expenses for week ending Aug 21st
 Will furnish here tomorrow. Will
 leave for Norwich 100 P.M.

Yours Respectfully
 C. S. Collier

File

[FROM GEORGE W. WILBER]

Form No. 1.

1883-08-23

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be corrected again only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of coin paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
579	fwk	14 Paid	572

Received at 852 BROADWAY.

Aug 10 1883.

Dated Spencer Mass 23

To. Carl Insull or Madison

65.50 -

Don't fail to send check for
Salary to Massachusetts House
Spencer
Mass today sure

GW Wilder

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-08-25

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. It will not be held liable for errors or omissions in transmission or delivery of telegraphed messages beyond the amount of rate paid thereon, nor in any case where the same is not presented in writing with such facts as may be necessary to identify the message.

This is an UNRECORDED MESSAGE, and is delivered by request of the sender, under the conditions named above.

Wm. V. ROCKWELL, General Manager.

HORVIN GREEN, President.

NUMBER	TO	FROM	CLASS
189	Spencer	Waller	5X 404

Received at 652 BROADWAY.

Aug 25 1888.

Date Spencer Mass via 75-8 one

To Saml Inoull & J. Dixon

65-5th Ave

All through here waiting for
check sent money home thought

check salary be here when arrived

Arrived G. M. Wilbur

This telegram has just been received at the office in 652 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-08-25

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be avoided only by repeating messages back in the sending station for correction, and the company will not hold itself liable for errors or omissions in transmission or delivery of its messages, except the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
492	W. M. B.	11. Paul	9.50

Received at 862 BROADWAY 25 1882.Dated Ravenna Ohio 25To Samuel Knoll 65 Fifth Ave

Arrived Ravenna Tiffin Converse
expressed here until Wednesday
next from Margaretta
Dyer

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

1883-08-27

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been asserted to by the sender of the following message. Errors can be proven against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of unrepeated messages, beyond the amount of time paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. EUGENEY, General Manager.

MORVIN GREENE, President.

NUMBER	SENT BY	RECD BY	SEX
216	fyh	13 Paid	1886

Received at 852 BROADWAY.

From Spencer Mass 27

To Mrs A Edison 65 - 5th av

Spencer bank refuses to advance on
draft telegraph them direct you will honor
Geo W. Webber

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-08-27

MASSASOIT HOTEL.

M. MULLEN, Proprietor.

GOOD STABLE CONNECTED.

Spencer, Mass., Aug 27th 1883

Saml Small Esq.

Dear sir,

When I was
in Palmer I received ^{from my wife} letter asking me
for some money immediately, as I sent
it knowing my salary was due the 21st
so I telegraphed you from Palmer to
send me check for salary up to the
21st to Spencer Mass. when I arrived
here I found no letter so telegraphed
you from here thinking that possibly
you might not have received telegram
I received no answer either in shape
of letter or Telegram so I telegraphed
you once more explaining that
I could not proceed further with.

1883-08-27

MASSASOIT HOTEL

M. MULLEN, Proprietor.

GOOD STABLE CONNECTED.

Spencer, Mass., _____ 1883.

out a remittance as I was depending
on my check for salary to go to North
field I expected check this morning
but there was nothing at the office
for me so I write you to explain
that I am still new at the above
Hotel and am under the necessity
of staying here until I receive check
from you. You will see how I am
placed and I hope to receive check
as soon as possible. Suppose you have
received canvas of Spencer Mass with
letter

Yours Respectfully
E. D. Walker

Massasoit House
Spencer Mass

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors on the part of the sender only by recording a message back to the sending station for comparison, and the company will not be held liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of bills paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This does not apply to UNREPEATED MESSAGES and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKHART, General Manager.

NORVIN GREEN, President.

NUMBER <i>173</i>	SENT BY <i>Wm</i>	RECEIVED BY <i>Collect</i>	CHECK <i>175</i>
Received at 852 BROADWAY.			
Received at 791 BROADWAY.			

Aug 29 1882

Dated, *Normick Conn*

To, *Saml Jewell*

Care Tho. A. Edison
65 Fifth Ave

Hired you monday for funds
have not heard finish here
today answer C. H. Cook

This telegram has not been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

1883-a 8-30

WESTBORO HOTEL

WESTBORO, MASS.

H. L. CHASE, PROPRIETOR.

Westboro, Aug 30th, 1883.

Saml Small Esq.

Dear sir,

I sent canvases of
Northfield by express, gave it to the expressman
on the train who could not give me a receipt.
Please notify me at Webster Mass if you
received it all right. I am all through
the business here and start on horse-drawn
to-morrow morning, everything working O.K.
bought a map to day for \$4.00 just what
we want. will send you canvases Saturday
write me on receipt of them at Webster Mass
and send me some blank reports have
only 3 or 4 left. also please notify me at
same place the towns to canvase after
Webster Mass and Southbridge Mass (will
probably be in Southbridge by Thursday of
next week when you had better send me
check for \$50.00 for expenses at that place

Yours Respectfully
G. W. Walker

Form No. 1.

1883-08

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guaranteed unless only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

TOS. T. ECKERT, General Manager.

NORVIN GREEN: President.

NUMBER	SENT BY	RECD BY	CHECK
29652	C. H. Paul		376
Received at 791 BROADWAY			Aug 1889
Dated Hamilton Ont 24			
To J. Meull 65-5 ave			
H. B. Baren is now in Hamilton			
H. M. Byllesby			
<p>This telegram has just been received at the office in 791 BROADWAY, near Ninth Street, where any reply should be shown.</p> <p style="text-align: center;">DIRECT WIRES.</p>			

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Error can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of International Messages, beyond the amount of time paid thereon, not in any case where the delay is not occasioned in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the penalty of perjury.

NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED BY	CHECK
287	W. J.	Y. S.	9 Pa
Received at 791 BROADWAY.			
Dated <i>Minnetonka Ill</i>			<i>Aug</i> 1888
To <i>Samuel Insull Edison Co</i>			
<i>65 - 5 Ave</i>			
<i>Finish here Friday wire</i>			
<i>expense acct funds here</i>			
<i>C. N. Cook</i>			

This telegram has just been received at the office in 791 BROADWAY, near Tenth Street, where any reply should be sent.
DIRECT WIRES.

1883-09-03

RECEIVED

SEP 5 1883

ANSWERED

Sept 6 1883

FILE NO.

sent ck
\$175
Jas

Saml Pennell Esq

Woburn Mass Sep 5th 83

Dear Sir,

If you have
not sent check to Southbridge as requested.
Please make the check \$75.00 instead
of 50.00 as by the time I get to Southbridge
I shall have need \$25.00 of my own
money for expenses, hoping to receive
check on my arrival. I remain

Respectfully Yours
G. W. Miller

Form No. 1.

1883-09-08

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be remedied against only by repeating a message back to the sending station for comparison, and the receipt of a message does not hold the sender for errors or delay in transmission or delivery of the message. Messages beyond the amount of coin paid thereon, nor in any case where the coin is not returned in writing within sixty days after the sending of the message, are **NOT** RECEIVED, and is delivered by request of the sender, under the conditions stated above.

THOS. T. ROBERT, General Manager. RECEIVED
NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED BY	SEP 11 1883
29	Wm. J. Hepner		ANSWERED
Received at	85 BROADWAY.		FILE NO. 1883
Dated	Spith Bridge Mass		
To	Thos A. Edison 65 Fifth Ave		

All through got no instructions where
 canvass next telegraph the twenty &
 half Bedford St Boston
 also W. W. L. H. e

This telegram has just been received at the office in 85 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-09-11

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message in transmission or delivery of Unrepeated Messages, beyond the amount of rate paid thereon, and in any case where the claim is not presented in writing within sixty days after the date of the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above. FILE NO. 11 1883
ANSW. NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	DATE
774	837m	Walt	11/11/83

Received at: 852 BROADWAY.

FILE NO. 11 1883

Dated: London Ohio

To: Saml Insull

60-3 one,
 Arrived London last night
 three days went two days off
 if you can get leave I will
 windy on third day will report

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883 09 11

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after the date of receipt.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREENE, President.

NUMBER	SENT BY	RECD BY	CHARGE

Received at **852 BROADWAY.**

Sept 11 1883.

Dated _____

To _____

To next town

Phelps House

This telegram has just been received at the office in 652 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

No. 17—Form 2. **THE AMERICAN RAPID TELEGRAPH COMPANY.** 1883-09-11
General Office, 187 Broadway, N. Y.

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been associated to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages.

This message is an UNREPEATED MESSAGE and is delivered by request of the sender, under the conditions named above.

FIELD. H. HAY, Gen'l Mgr. J. A. SHEPHERD, Gen'l Supt. J. W. CONVERSE, President.

CHECK	NUMBER	TIME
12 paid	46 parts	9p
Dated Boston Sep 11 1883		
To Thomas A Edison		
65 Fifth ave		
Write me cor fourth &		
Ridman Street Fall River tonight		
what you mean		
J.W. Wilbur		
RECEIVED SEP 11 1883 ANSWERED SEP 11 1883		
FILE No.....		

LOOK THE NOTICE AT THE TOP

Please pay no charges on this message unless the amount is denoted herein by the Company's stamp.

I will finish London
in three days, if not
sooner.
Yours truly
Wm. D. Byrd.

Personal

1223-09-11

RECEIVED
SEP 13 1883
ANSWERED

1223-09-11
FILE NO.

London 9 Sept 11th 83

Mr Inell;
Dear Sir:

You were doubtless surprised at my cool request for a vacation of two days, just at the time when I should increase my effort to accomplish more work.

And you immediately pictured your unworthy request, as contemplating two days of unbridled and lascivious rioting in the vicious charms of some woman.

Or an uninterrupted and mandlin bliss, derived from indulgence in the flowing bowl.

In confidence, the truth is just this -

Accidentally, I made the acquaintance of a remarkably pretty girl in Springfield; and actually a daughter of a prominent person.

I saw her under favorable circumstances, and opened my strongest batteries.

She surrendered, utterly annihilated at the first onslaught.

My victory could not be consummated in Springfield for various reasons.

She wanted me to take her to the next town and keep her while I attended to work.

This was a ~~delicious~~ ^{tempting} ~~strong~~ ^{temptation}, but the obligation I ~~stand under~~ ^{stand under} to my employers would not ~~permit this~~ ^{permit this}.

I left Springfield ~~immediately~~ ^{immediately} on the completion of my work; but ~~if possible~~ ^{if possible} I would telegraph ~~Black~~ ^{Black} quarters for two days off, + if I got same, I would take her to some small town where we are both unknown + keep her two days.

I calculate I can see her up in that time.

I will not be disappointed if you telegraph me I had better wait until I finish up Ohio. I am anxious myself to get through + visit N.Y.

I thought it would be better to tell you candidly how I stood; so you would not labor under the impression that I wanted to spend two days at a local Camp meeting, or was sick.

Form No. 1.

1883-09-23

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be corrected only by retransmitting a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
1578	Am	Am	V 15

Received at **852 BROADWAY.**

Dated *Revere Ohio* *Sept. 23 1883.*

Dated

To

Sam'l Insull
65 5 me
Empire Hotel Akron send
blank Books + special report blank
Dyer

This telegram

is received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

1883-09-24

Empire House,

AILES & BURNS, PROPRIETORS.

JAS. M. CLIFTON, Clerk.

Alex. C., Sept 24, 1883

Mr Samuel Insull
#65-5th Avenue
New York:

I have rec'd all
your recent letters duly -

I knew some of the maps
I sent were decidedly bad;
but I thought it would be
cheaper for your office to
enlarge same, than to em-
-ploy local Engineer office
to make one.

I will send no map over
500 feet to the inch hereafter.

And will use my best
means to get one on a still
larger scale -

I have not secured a
map of Abernethy yet (11.30am)
but probably will this
afternoon in spite of the

1883-09-24

Empire House,

AILES & BURNS, PROPRIETORS.

JAS. M. CLIFTON, Clerk.

Albion, N. Y., _____ 1883

inclement weather -

The proprietors of this hotel are to open a large house early next Spring. It will have 102 sleeping apartments for guests alone -

They are going to have it lit by Electricity anyway.

They invited Fairbanks to make an estimate on wiring the building for the Edison system -

He submitted \$800 as cost independent of fixtures -

This figure struck them as being too much.

The Maxim people bid \$300 to wire three floors.

They talk as if they had fully determined to accept this bid use Maxim lamps & storage batteries.

Empire House,

AILES & BURNS, PROPRIETORS

JAS. M. CLIFTON, Clerk.

Alton, C.

1883

Since I have read a scientific article on Storage batteries they must have been materially improved.

Ailes & Burns say they have looked into the Storage battery & find that it deteriorates 5% per year: and that it converts 9/10 of every unit of power into light.

They are willing to converse on the subject & I shall use such modest argument as is in my power to convince them of their error.

Alton is lit from two Central towers by Brush system & is generally unsatisfactory.

Very Respectfully
Paul D. Dyer.

883-09-26

Fall River Sep 26 89

Saml Small Esq

Dear Sir,

Please send
me check for salary to Sep 21st Care
Gammone & Allen Fall River Mass
also how long before you think
it will be before I go off and what
travels I can make next by doing this
you will confer a great favor on

Yours Truly
S. W. Hilber

1883-09-26

Empire House

JAS. M. CLAYTON, Clerk

AILES & BURTON PHOTODUPLICATORS

12 New York
Send By Catalogue as they
are better to use the view
than to send in each
Cost 34¢ per 3

Mr Samuel Inell
#65 - 5th Avenue
New York:

Light Co will
do it 9 years

Dear Sir:

I had a long talk
with Mr F. Schumacker this
afternoon -

Mr S is owner of a large
Elevator & Flour & oat meal mill
and also the Wincher Hotel.

He wants 150 lights in
the Elevator & his office
(about 1000 yds from Elevator)

He asked Fairbanks
to submit an estimate, which
he is in possession of -

He is now waiting for an
estimate from the Bush
company, Cleveland for Swan
lamp & Storage Battery plant

He spoke as if he

1223-09-26

²
Empire House,

AILES & BURNS, PROPRIETORS.

JES. M. CLAYTON, Clerk.

Nov. 11, 1888

favored the Storage Battery
+ Swan Lamp System.

He was perfectly willing to
discuss the matter, but was
positive the Storage Battery
is just what The Cleveland
Co represent it.

I thought the Distillation
Company had absolute control
of Ohio?

Do you get a duplicate
or copy of the estimates that
Fairbanks submits?

Mr Schumacher authorized
me to write to Mr Stuart to
see if he wanted to say
anything before he (S) decided
on a system for his Elevator.

He thought our Central
Station System good; but
must have light in his
Elevator inside three weeks

1283-09-26

Empire House,

AILES & BURNS, PROPRIETORS.

JAS. M. CLIFTON, Clerk.

Akron, O., _____ 188

his Hotel (the Windsor) however remains to be lit; and our only competition for this job will be the Swan Lamp & Battery people.

He has refused to have anything to do with the Brush Arc light -

Will you please send me a catalogue price list of our Dynamo machines -

I am asked the price frequently & have thought it best to be ignorant than to guess at it -

We ought to have a plant in Akron by all means -

The Stars use $\frac{1}{2}$ more light than Springfield.

The Dwellings are magnificent.

These are convenient
Okey to the heaviest business

4
Empire House,

AILES & BURNS, PROPRIETORS.

JAS. M. CLIFTON, Clerk.

Mon. O. _____ 1883

Streets, + few or no trees to
 interfere with pole work -

It's show the enterprise of
 the town - The Opera House
 has been open twelve even -
 -selective nights -

The Buffalo Bill combination
 and a Circus both drew
 good audiences this after-
 -noon -

The following is a list of the
 towns I can visit next + in the
 order named -

	City	County	1880
(1)	Wooster	Wayne	5843-
(2)	Mansfield	Richland	9600-
(3)	Sandusky	Erie	15838-
(4)	Portoria	Seneca	3570-
(5)	Newton	Hardin	4312-
(6)	Marion	Marion	3899-
(7)	Newark	Licking	9692-
(8)	Jamestown	Muskingum	18113-

Empire House,

AILES & BURNS, PROPRIETORS

JAS. M. ELLIOTT, Clerk.

Sept 22, 1890

Alton, O.

188

Most of these towns have
 described their population
 since 1880. They are
 the ~~very~~ best towns un-
 canvassed in the State.

Am progressing well &
 satisfactorily in my
 canvass of Akron.

Very Respectfully
 Paul D. Dyer.

1883-09-27

-Office of-



G. C. PRATT, PROPRIETOR.

Washington Street, South of Madison.

Albany, Sept 27 1883

Mr Samuel Sull
#65-5th Avenue
New York

SEP 29 1883
ANSWERED
Sep 27 1883
FILE NO.....

Dear Sir:

The books & special re-
-port blanks came to hand this
morn'g. Am I to use the books
as if they were blank, or fill out
the form?

I ask this because the form
is inconvenient & especially so
to copy out on the large sheets.

Do you desire me to add
the width of each building
to the report?

Respectfully
Paul D. Dyer

1883-09-28

Empire House,

AILES & BURNS, PROPRIETORS

J.P. M. [unclear] Clerk.

Albany, N.Y., Sept 28, 1883
6 a.m.

Mr Samuel Russell
#65 - 5th Avenue
New York.

Dear Sir:

I am enabled to write
quite an encouraging letter to
Mr Stuart this morning.

I found a Machine Shop
yesterday that was waiting
for an estimate for an
Edison Isolated Plant from
Fairbanks.

This shop is near the business
center, does not use over 40 lights,
& would be good for Central
Station consumers.

A new varnish factory, also
near the business center
has not a foot of gas pipe
in it. The proprietor

1283-09-28

Empire House,

AILES & BURNS, PROPRIETORS.

JAS. M. CLYTON, Clerk.

Alton, N.Y., _____ 1888

wants to talk about having
it wired -

When I made the statement
some time ago that the Edison
Agents should change their
method of work, I did not
mean that they should de-
part from that line of moral
rectitude that has ever guided
their conduct.

I do not know what change
would most benefit the business.

I do not think we should
let a rival company come
into a town like this &
have it all their own way.

The man forming the company
should get over more ground.

Respectfully

Paul D. Dyer.

1883-09-28

Empire House.

AILES & BURNS, PROPRIETORS.

JAS. H. CLIFTON, Clerk

Albany, N.Y., Sept 28 1883

Mr Insull

Dear Sir:

I rec'd your consider-
-ate letter, for which I return
thanks.

I have recovered entirely
from my late indisposition.
I was compelled to come in
this afternoon on account of the
rain. It was no use, the
rain would dissolve my map,
& make my notes illegible: be-
-sides I could not prevent that
Machine smile & generally grace-
-ful exterior, when thinking rather
of a horrible nature.

I have finished the retail
business section of Albany, &
have taken a good slice out of
the Resident portion -

I have yet a greater part
of the factories to take an exit of.

1883-09-28

²
Empire House,

AILES & BURNS, PROPRIETORS.

JAS. M. CLIFTON, Clerk.

Alton, C., 188.

The City is so poorly laid out as Boston, & is cut up by Railroads & Canals.

This makes my work much longer than if the City was laid out in Squares.

I dropped in to the Brush Swan office to-day. It is lit up by 10 Swan lamps, supplied by 10 Batteries connected up. The Batteries take up more room than a 250 light Dynamos.

The man in charge is a six-footer, with a voice like the roaring of thunder. I tremble lest he should hear of some of the compliments I have paid his business.

We have a plant here in a Paper Mill.

I will visit it to-night.

I received three bulletins to

Empire House,

AILES & BURNS, PROPRIETORS

JAS. M. CLIFTON, Clerk.

Alton, O., _____ 1888

-day from Mr. Stuart, contain-
-ing Convincing articles on
the Storage battery. When
the right opportunity occurs I
will let the proprietor read
them -

I am glad to hear of the
progression of our business
East; it gives me new
confidence to speak & act -

If we get one plant started
in Ohio this Fall or Winter, it
will mark the beginning of an
Edison wave, that will sweep
all rival Companies out of the
State -

Respectfully,
Robert D. Dyer -

G. L. GARDNER, President.

1883-09-28

L. E. MOORE, Treasurer.

THE PALMER SAVINGS BANK.

SEP 29 1883

ANSWERED

PALMER, MASS. Sept 28 1883

Sept 29 1883

FILE NO.

Edwin Sauter Lyell

New York

Gents

A few weeks ago an agent of your company was here to look around the place and borrowed through one of my and in atlas. The police who own same have asked me for them.

Will you kindly return same
Sincerely

Yours

L. E. Moore

1883-10-04

Empire House,

AILES & BURNS, PROPRIETORS.

JAS. M. CLIFTON, Clerk.

Albany, Oct 4 1883

Mr Wm. A. Edison
"65-5th Avenue
New York City.

Dear Sir:

I finished my canvass of this place Monday at 11: and I am here now.

The delay has been very distasteful + subjected me to humiliation at the hotel.

This makes no difference, if you only believe the delay has not been in my power to remedy.

I recd your telegram authorizing me to draw sight draft on you.

It is impossible to raise money on draft in any town where you have not

- 2 -

1883-10-04

Empire House,

AILES & BURNS, PROPRIETORS.

JRS. M. CLIFTON, Clerk.

Albion, N. Y., _____ 188__

done work.

It would take exactly six days to have it collected for me.

In view of the above, I took the liberty of asking you to telegraph the money to Ac. 1.

I notified Mr. Stuart daily when I would need money for expenses, but have rec'd no communication from him.

Mr. Schumaker, prohibition candidate for Governor of Ohio, & largest property owner in this City, had almost decided to have a 150 Broom Swan plant in his Mill office.

Through my modest arguments & the articles in Bulletin 16, 17, 18

Empire House,

AILES & BURNS, PROPRIETORS.

JAS. M. CLIFTON, Clerk.

Albany, N. Y. _____ 1883

on Storage batteries, he has been led to see the error in his judgement.

Mr. Street can use him to advantage, if he opens communication with him without delay.

The Isolated Company will probably hear from him soon.

Read the Idea books this morn'g: will use them judiciously.

Very Respectfully
Paul D. Dyer.

Form No. 1.

1883-10-04

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of toll paid thereon, nor in any case where the claim is not presented in writing within sixty days after receiving the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RE'D BY	CHECK
881	M. R.	J. H. G. d.	1770

Received at **852 BROADWAY.** *Oct 4* 1883.

Dated *Akron O. 4*

To *Thos. A. E. Dean*
65-5th Ave

*Telegraph me one hundred dollars
today with our identification tag
cannot raise money on Draft - No
take six days for collection here*

This telegram has just been received at the office, 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

Nothing from

DIRECT WIRES *Stuart*

Form No. 1.

1883-10-05

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assigned to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for corrections, and the company will not hold itself liable for errors or omissions in transmission or delivery of telegraphed messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
	<i>W. K. H. Ward</i>		

Received at: **852 BROADWAY.**

Oct 5 1883

Dated: Akron Ct

To: Saml Ineull No 65-5th av

Money per telegraph received

Ad. W. W. Archer House Worcester Mass

Seyer

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-10-06

Form No. 1

THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of such paid charges, nor in any case where the claim is not presented in writing within sixty days after sending the message.
This is an UNREPEATED MESSAGE, and is delivered by request of the sender under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
142	Cy	ry	9 Pd

Oct 6 1883

Received at 852 BROADWAY.

Dated Wooster Ohio 6

To Saml Insull

65 Fifth Ave

Am ordered to Cincinnati well

to wired when learn destination

Syer

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Office of

1883-10-08

SMITH HOUSE

W. W. Smith, Prop'r.

E. R. Odor, Clerk.

The only Hotel in the City for first-class Accommodations.

Special Attention paid to Commercial Travelers.

Rates \$2 00, per day.

Cynthiana, Ky., Oct. 6, 1883

Mr. Samuel Insull
#65-5th Avenue
New York:

Dear Sir:

I arrived here this
noon in company with Mr. Stuart
Story.

They have a meeting of
Citizens to night, when Mr. Stuart
expects to complete the arrangements
for the organization of an Edison Co.
Among the people interested is
the Mayor and two members of
Council.

The town has a population
of 2000, and has the deed

Office of 1893-10-08

SMITH HOUSE

J. W. W. Smith, Prop'r. E. R. Odor, Clerk. &c.
→ The only Hotel in the City for first-class Accommodations.
Special Attention paid to Commercial Travelers. ←
Rates \$2 00, per day.

Cynthiana, Ky. 1885

Appearance common to all small South ern towns - but it is built up compactly, and has the additional importance of being the County Seat.

A gas light plant would certainly pay like better than in Samburg Pa.

There is no gas plant here & we will have to light the streets. The present contractor got \$500. for Anthracite for the same & only lights five streets with an approximate length of not over 2 1/4 miles.

Gas in all neighboring towns is between 3 & 4 dollars -

I will finish here before a letter from you can possibly

Office of

1883-10-0P



W. W. Smith, Prop'r. E. R. Odor, Clerk.
→ The only Hotel in the City for first-class Accommodations.
Special Attention paid to Commercial Travelers.
Rates \$2 00, per day.

Cynthiana, Ky., 188...

reach me

My next town is Maysville Ky.
Please have sent to Maysville
at once more ruled forms, to be
called for at Express office.

I have enough forms to see
me through this place, and
that is about all.

Our plant in the Palace Hotel office
& dining room & hotel bar, is the
best plant I have yet seen, &
shows off to great advantage.

Each "A" lamp takes the place
of about 4 gas jets.
I predict there will be a demand
for Edison Isolated plants in
Cincinnati.

Our Awards at the Exposition,
and showing in the Palace

Office of

1883-0-08

SMITH HOUSE

W. W. Smith, Prop'r. E. R. Odor, Clerk. &
The only Hotel in the City for first-class Accommodations.
Special Attention paid to Commercial Travelers.
Rates \$2 00, per day.

Cynthiana, Ky. 188...

Hotel, which is in the very center
of the city & always crowded, have
created a very favorable impression
with business men -

Very Respectfully
Paul D.eyer -

Office of 1883-10-11

SMITH HOUSE

W. W. Smith, Prop'r. E. R. Odor, Clerk.

→ The only Hotel in the City for first-class Accommodations.
Special Attention paid to Commercial Travelers. ←

Rates \$2.00, per day.

Cynthiana, Ky., Oct. 11, 1883

Mr Samuel Inwell

#65 - 5th Avenue

New York

The contents of this
place is in the Express office
(1st Ave.) + I leave at 5:40
for Marysville.

I did not get options on
land for Station, I could not
without absolute waste of
time but have given Mr
Stewart the names of parties
having land centrally located
at their disposal and he
can get an option on a lot
in any section of the City
within two weeks.

Office of

1883-10-11

SMITH HOUSE

W. W. Smith, Prop'r. E. R. Odor, Clerk.

The only Hotel in the City for first-class Accommodations.

Special Attention paid to Commercial Travelers.

Rates \$2 00, per day.

Cynthiana, Ky., 188...

At the meeting the other evening, after Mr. Stuart made his propositions a committee of five was appointed to solicit subscriptions.

\$4500 was subscribed in the Hall.

It stands \$6000 to day with two wealthy men & the City yet to hear from.

The City will take about \$2000.

Several of the men are abundantly able to double their subscription & would do so if they thought the investment would pay.

They think 500 lights would never be taken

Office of 1883-10-11

SMITH HOUSE

W. W. Smith, Prop'r. E. R. Odor, Clerk. &c.
The only Hotel in the City for first-class Accommodations.
Special Attention paid to Commercial Travelers.
Rates \$2 00, per day.

Cynthiana, Ky. 1883

at 1 1/2 cts per hour for each light.
Regarding the question of cost
out 1/2 of the entire number
of houses in the city will have
to be counted on, in order to
have a 500 light plant working
any where near its capacity.

The stores of Cynthiana
are miserable: But there are
wealthy men here connected
with the liquor interest, who
live in fine residences, and are
considered liberal men.

The Saloons are numerous
& do a business out of proportion
to any other

Very Respectfully
Paul D. Dyar.
Over

A lot centrally located
can be bought for not
over \$ 300 -

Dr. R. T. Lawrence
of Kentucky
P.O. Box

Oct 11/83

Form No. 1.

1883-10-11

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

THIS IS AN UNLIMITED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
	<i>W. Smith</i>	<i>7 Paid</i>	<i>1202</i>
Received at: 352 BROADWAY.		<i>Oct 11 1883.</i>	
Dated <i>Auburn Mass</i>			
To <i>Wm A Edison No 65 5 an</i>			
<i>Just arrived wire instructions</i>			
<i>Care as borne House</i>			
<i>CH Cooke</i>			

This telegram has just been received at the office in 352 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1

THE WESTERN UNION TELEGRAPH COMPANY.

1883-10-12

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREENE, President.

NUMBER	SENT BY	RECD BY	CHARGE
169	<i>Wm</i>	<i>Wm</i>	<i>Wm</i>

Received at: **852 BROADWAY.** *Oct 12 1883.*

Dated: *Auburn N.Y.*

To: *A. O. Dale*

C. Edison Elec Light Co

65 Tifft Ave

Have read no orders Can

do nothing send instructions at once

L. A. Clark C. H. Cooke

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-10-12

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sender immediately, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GRICKEN, President.

NUMBER	SENT BY	RECD BY	CHECK
526	fa	By 3 PM	
Received at 852 BROADWAY.		Oct 12 1883.	
Dated <u>Suburn NY NY</u>			
To <u>J A Edison</u>			
65-5 Ave			
Recd instruction today			
C. H. Cook			

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-10-12

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sender. The Company and its agents will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of actual charges, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.
 THOMAS T. WICKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHARGE
508	fa	24 15 Pd	

Received at **852 BROADWAY.** Oct 12 1883.

Dated *Maysville Ky 2*
 to *Thos A Edison*

65-5 am
 Telegram rec'd leave by boat for
 Cincinnati at eight o'clock will
 not need money yet.
Dyer

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRE.

Form No. 1

1883-10-12

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors may be charged against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

MORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED	CHECK
3089	W. B.	12th	

Received at **852 BROADWAY.** Oct. 12 1883.

Dated Rockton Mass
 to Paul Inoull
 to 65 - 15 Ave
 Shall be through here Monday
 or Tuesday will go soon
 as through G. W. Wilber

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.
DIRECT WIRES.

1283-10-13

Mr. Hastings,

Wilbur, our canvasser, who is now in Brockton, will
be in Syracuse next Tuesday or Thursday morning, I am not sure
which yet.

S. Insull,

October 13th, 1883.

per G.

Over

Mr Insull

Will you kindly
write to Mr Dyer & ask
him to call upon Mr
Seal at 4 Union St. Syracuse

JH

56



1883-10-13
PALACE HOTEL,
Cor. Sixth and Vine Streets,

Rates \$2.50, \$3.50 and \$5.50.

D. C. SHEARD,
Late Francis House, Toronto,
and Hotel Madison, Toledo, O.

Cincinnati, Oct 13 1883

Mr Samuel Inell
#65 - 5th Ave
New York:

Dear Sir:

I arrived in Cin
at 4 am. by boat from Mayville.
Take the first train (Sund.)
to St Louis.

I arrived in St Louis to
night at 8:30, and in Kansas
City to-morrow morning about
10 o'clock.

Will telegraph my address
immediately I get in Kansas
City & if you have any



1883-10-13
PALACE HOTEL,

Cor. Sixth and Vine Streets,

Rates \$2.00, \$3.00 and \$5.00.

D. C. SHEARS,
Late Public House, Toronto,
and Hotel Madison, Toledo, O.

Cincinnati, _____ 188

instructions to give in con-
-nection with canvass of that
place. I will expect to receive
leave early next week, in the
meantime I will select the
best lighting district & go
along with canvass -

Please send forms to
Kansas City without delay; by
any Express - I will get
them -

I came up town in hopes
of seeing Messrs Stuart & Story
but it is too early -

Very Respectfully,
Paul Dyer

THOMAS A. EDISON,
Central Station, Construction Dept.,
N^o 85 FIFTH AVENUE,

RECEIVED
OCT 16 1883
ANSWERED

1883-10-14 Form 2.

New York, Oct-14th 1883

Dear Sir

Dear Sir

Yours of the 12th inst
at-hand I was very much surprised to
learn that record of lights in Mendotas
was incorrect in and was as Mrs Curtis of
Mendotas went with Mr. & counted the
lights with me on each trip & I had
doubted that as his record or count-
checked with mine there could be no
recorded error.

I shall have very complete and accurate
census of this place.

Mr. J. B. Osborne left here for New York
9 A.M. yesterday.

I understand the Brooks Co have a man
here working up a Company

Expect to have finished here by Tuesday
P.M. & will leave on 12.15 midnight

train if I hear nothing to contrary
from you

Hoping you & Mr. Edison will have
no further cause of complaint

Remains

RECEIVED & FORWARDED

Yours Respectfully
C. H. Foster

in the matter of
rights of Minors

C. H. Foster

October 17th 1883

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

1883-10-15 Form H.

New York, Oct-15th 1883

Thos. A. Edison Esqr,

Dear Sir

I learned ^{from} that
W Leonard of Boston Mass. is a member
of Syracuse D C Macdew of Syracuse
& James L Harner of New York are all
here in the interest of the American
Electric Light Co of Boston They called
on Mayor Haskins this afternoon who
referred them to the committee on
Street-lighting.

I shall give the canvass here tomorrow
11 P.M.

Your dispatch rec^d
I have not taken the State Prison
in account in my canvass as I
could get no good information in
regard to it.

The American Elec Light Co of
Boston use Thomson's or Houston
system.

Yours Respectfully
T. A. Edison

1883-10-15

Form No. 1

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not be held liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the delay is not caused in writing within sixty days after sending the message.
This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above. **5 20**
WESLEY T. ECKERT, General Manager. **MORVIN GREENE, President.**

RECEIVED BY: **371** SENT BY: **Ken** SHOW BY: **R** CHARGE: **2 paid**
Received at **852 BROADWAY.** **Oct 15 1883.**

Dated Kansas City - Mo 15
To: **Wm. A. Edison**
65-5th Ave

The City Engineer wants to charge
twenty five dollars for a map scale
150 hundred feet will I pay it
Answer **Dyer**

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.
DIRECT WIRES.

Form No. 1.

1883-10-15

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been inserted in by the sender of the following message, in transmission or delivery of Unrepealed Messages, beyond the amount of tolls paid thereon, and the company will not hold itself liable for errors or delays after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under its conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
507	Ch. 24	11 Pd	

Received at 652 BROADWAY.

10/15 1883

Dated *Aufburn* *NY* 15To *Thos. A. Edison*

NY
 Finish here tomorrow PM. Can
 get in Syracuse one am
 Wednesday
C. H. Cooke

This telegram has just been received at the office in 652 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1283-10-16

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following messages. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of time paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. KOCKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED	CHECK
371	M. R.	7	paid

Received at **352 BROADWAY.** OCT 16 1882.

Dated Auburn Aug 16

To Genl. A. Edison

65 - 5th Ave,

Think here today with

me instructions here

O. N. Cooke

This telegram has just been received at the office in 352 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRE.

Form No. 1.

1883-10-17

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

TOS. T. KOKERT, General Manager.

2.06 NORVIN GRACKEN, President.

NUMBER	SENT BY	AMOUNT	CHECK
4	W. M.	5 Paid	

Received at **852 BROADWAY.**

Oct 17 1883

Dated Pyracuse N.Y. 16

To Mrs. A. Gibson

65 Fifth Ave

Address me at

Albion Hotel

A. H. Cooke

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1

1883-10-20

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assigned to by the sender of the following message. Errors can be corrected before only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions stated above.

THOS. T. SCOTT, General Manager.

NORVIN GREEN, Pres. & Mgr.

NUMBER	SENT BY	RECD BY	CHECK
14	Har. W. Wy	Call	

Received at 882 BROADWAY.

14/20 1883

Wm. Lyngens NY 20
To Thos A Edison

65-5 ad

Will finish here Thursday Pm
then go to Hudson yours
rcd

C. M. Cooke

This telegram has just been received at the office in 882 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRE.

JAMES L. PERL,
PROPRIETOR BENTLEY HOUSE,
DANVILLE, PA.

1883-10-21

Wm. B. GREENMAN, MANAGER.

Central Hotel

RATES: \$2.50 PER DAY.
SUNDAYS, \$3.00.

Hazleton, Pa., Oct. 21st 1883

Saml Smull Esq

Dear sir,

Getting along first
rate amongst the Molly Maguires, think
I shall be through by Tuesday night. please
ask Mr Tate how my canvas books are
getting along and if he can send me a
couple to Mr. Carmel by the time I get there.
"if he has not given the order yet please tell
him to have them made with 144 pages
and the liner across that you write on half
as wide as three." and the remark column
a little wider than in the books I had made.
Please write me at Mr Carmel if you have
sent books and where to look for them,
also where to canvass next after Mr Carmel.

JAMES L. REHL,
PROPRIETOR AND MANAGER,
DANVILLE, PA.

1883-10-21
SAM. B. CRESMAN, MANAGER.

Central Hotel

— RATES: \$1.50 PER DAY.
SUNDAYS, \$2.00. —

Hazleton, Pa., _____ 1883

I guess you hit it about right on the
steaks they have here. I think they must
be tanned skins from Tewksbury. While
I was into Washle Bro's office I was in-
troduced to a gentleman by the name
of Steve Engel who said he was the one
who started the company here and Washle
Bro said they started the company this
Mr Steve Engel didn't like it because I was
sent to Washle Bro's instead of him so I
had to explain that I only wanted to know
some one who could tell me where I could
find a map and he was satisfied, Washle
Bro's have a map which they will let me
take.

Yours truly
G. W. Walker

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE

Form II.

1883-10-21

Spencer 76 of Oct 21st
New York, 1883

Sam'l Inoull Esq.,

Dear Sir

I enclose you my
expenses to you 10[¢] mail to date inclusive
my Edison's dispatch of yesterday received
ordering me to Hudson from here.
On my arrival here I found that the
places of business all closed very early
during the week & Saturday night
left open until 10.30 P.M. I immediately
wrote asking Mr Edison if I had
not better in addition to regular
nightly canvass, count number of
lights burning in all each store
Saturday night so as to show
the difference of consumption
on that over other nights, in
number as well as length of time
of lighting not having heard from
him I last night did as above
stated & found a very great
difference. for example our store
burning 38 lights Thursday I had

THOMAS A. EDISON,
Central Station, Construction Dep't.,
No. 65 FIFTH AVENUE,

Form H.
1883-10-21

New York, _____ 188

over 150 jets burning last night -
and one burning 20 jets Friday
night - had 62 burning last night;
this above is the rule not the exception
I shall finish canvass here Thursday
P.M. when I will leave for Hudson.
Please send me funds for expenses
so that I may receive here at your
earliest convenience.

Hoping my action Saturday P.M.
will meet with your approval
I am

Yours Respectfully,

C. H. Crocker

THOMAS A. EDISON,
Central Station, Construction Dept.,
No. 65 FIFTH AVENUE,

New York, 24th October 1883.

Thomas A. Edison Esq.,
President,

Dear Sir,
I beg to give you below a full statement of work done, since I have been in charge of the Caweswing mapping department, & also make a few suggestions, which I believe would further systematize the working of my department.

I have been in charge since the 7th of August last, & have turned out the following maps:

- | | | |
|------------------|-------------|-------------------------------|
| Muncie, Ind. | Kansas, | Ziffis, |
| Hartford, | Appleton, | Portland, |
| Baconport, | Shelington, | Spaul, |
| Washington C. D. | Mendota, | Northfield, |
| Providence, | Worcester, | Norwich, |
| Fort Adams, | Rockingham, | Westborough, |
| Baconburg, | Haverstraw, | Southbridge, |
| Cincinnati, | Lima, | Fall River, |
| Piquette, | Attick, | Woburn (under way) |
| Northfield, | Louisville, | J. J. DeCote River (sup. ab.) |
- in all 30 sheets, & there now remains to be made :-

- | | | |
|----------|--------------|-----------|
| Palmer, | Springfield, | Lynchburg |
| Ravenna, | Landon, | Auburn, |
| Weber, | Akron, | |

in all 8 maps.

We have made the following Electrical Determinations:-

- 1) Middletown, Ohio. - with 1 + 2 feeds. -
- 2) Norwich, Conn. -
- 3) Piquette, Ohio. - from 2 different lots & with 3 + 4 feeds. -
- 4) Ziffis, Ohio. -
- 5) Auburn, Conn. -

I would call your attention to the fact, that in the Middletown determination, which was checked & found correct by an authority, we saved about 40% worth of Coppers, on a former & standard determination. I also call yr. particular attention to the determination of Ziffis, which will doubtless save as much Copper as in Middletown. -

Being impressed with the vital importance of making the determinations absolutely correct, & fully appreciating the great loss of money, which wd. follow from a mistake, I most positively assure you that you can place every confidence, in any determination made here, on any point, in which there could be a possible doubt, wd. it may be reported to you. -

I would now make the following suggestions :-

1. That you authorize me to correspond direct with cowboys on all obscure points in their assays, & for any suggestions, I wd. think fit to make to them, - all letters to be sent in for your approval & signature. -

2. That as soon as a map is marked off by you so usual, I should send it off to agent to have lots marked off for central station, & upon its return that it should at once

- 1) Have lights counted in district marked off, -
- 2) find average burning hours, -
- 3) Count meters,
- 4) Make electrical determination. -

5) Give weight & length of copper wire to be used -

+ have all this information marked off in one corner of the map. -

This system wd. have the great advantage of concentrating in my Department all the work pertaining to the maps & I feel fully capable & competent to do it. -

Mr. Guir is of a great assistance to us, and I consider him a very well informed man, & reliable in every respect. -

In making the electrical determination, we proportionally all the necessary time, & thoroughly studying at the most advantageous

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 65 FIFTH AVENUE,

New York, _____ 188

S.

dispositions, so a days work, will certainly be compensated by the
savings to you of several hundred pounds of Copper. -
For practical size of wire, we would propose adding
20% in weight to mathematical size. -

I would ask you to authorize us to order suitable arrangements
to keep the maps, as they are fast accumulating, & our present accommodations
are insufficient. -

Trusting that my name will meet with your approval,
I remain, Dear Sir,

Faithfully,
Yours,
A. J. Murray

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of International Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORTH BEEBY, President.

NUMBER	SENT BY	RECD BY	CHECK
473	Wm Wood		24

Route 652 BROADWAY.

Oct. 25 1882

Dated Mt Carmel Pa

To Thos A Edison

65 5 Ave

Telegraph Mt Carmel home
should go through here
tomorrow morning - G.W. Miller

This telegram has just been received at the office in 701 BROADWAY, near Tenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-10-26

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of rate paid thereon, nor in any case where the cause is not prevented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

SENDER	SENT BY	RECD BY	CHECK

Received at **852 BROADWAY.**

Oct 26 1883.

Dated Mount Carmel Pa 26
 To Carl Insall 65 5 am

Shall I return to New York
 I am all through telegraph
 G. M. Miller

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-10-27

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assigned to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
	<i>To</i>	<i>Ch</i>	<i>7/8</i>

Received at **852 BROADWAY.**

Oct 27 1883

Dated Hudson May 27
To Mrs A Edison

65 5th an
Just arrived address care
of Worth house
CH Cooke

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-10-31

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be checked against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where it is not processed in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKHART, General Manager.

NORMAN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHARGE
H 34 C	24	7 Ad	RECEIVED
Received at 852 BROADWAY.			OCT 31 1883
Dated <i>To keep in NY</i>			ANSWERED 11/31 1883
To <i>Thos A Edison</i>			FILE NO. 101-1
<i>65-5 Ave</i>			
<i>Just arrived address Nelson</i>			
<i>House. More instructions</i>			
<i>C. H. Coote.</i>			

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1

1883-11-03

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for comparison, and the sender will hold their station for errors or delay in transmission or delivery of Unrepresented Messages, beyond the amount of time just shown, nor in any case will the Company be held liable for errors or delay after receiving the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
577	Mosby	70d	

Received at **852 BROADWAY.**

Nov 3 1883.

Dated *London* *03*

To *Sam'l Insull* *757*

Address *65-5th Ave*
St. Paul Hotel - London

will write tomorrow

Liver

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1893-11-03



Canton, O. Nov 4 1893

Mr Samuel Merrill
#65 - 5th Avenue
New York

Dear Sir:

I arrived here
last night after 56 hours of
intermittant travelling and staying
about way stations - for the next
train.

Stony came in on the same
train with me; but finding
from a telegram that his pros-
-ecution was needed in Circleville
he departed by next train -

A 25 light plant must be
running here by the 10th inst.

If Stony needs any assistance
I will help him out -

The dynamo is to be in
a p.c. office 500 feet from -

consumption.

The 25 lights are to be distributed among 25 houses.

Furniture or furnishing houses and will have to dis-
-place 24-6ft gas burners.

The organization of an Edison Co here will be largely contingent upon the success of this plant.

Carbon has a population of 2500, and is a large manu-
-facturing place.

My estimate will not in-
-clude any of the large factories they are being out along the Rail road for about 2 miles and are separated from the business section of the town by a area that is n.g. for lighting purposes.

The climate is considerable light; but the people (compared with Pennsylvania Dutch) are very slow of taking hold of a new thing.

1883-11-03



E. Canton, O. 18

Story says it is necessary to show them 200% before they will listen to you.

Mr. Stuart wants the Mayville canvas made up as soon as possible; he also wants to be informed as soon as possible the average lighting.

It is my impression that nothing will be done in Mayville for several months, but the matter is not likely to be dropped intirely.

Did the Kansas City Mayville canvases come to hand all right.

Very Respectfully
Paul D. Dyer.

Form No. 1.

1883-11-05

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been recited to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of telegraphic messages, beyond the amount of time paid therefor in any case. This is not intended in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions herein stated.
THOS. T. ECKERT, General Manager.

NOV 5 1883 NORVIN GREEN, President.

RECEIVED	SENT BY	RECD. BY	ANSWERED
3/4	M. W.	10/20	no none

Received at 852 BROADWAY.

FILE No. *Nov 5 1883*

Dated *Nov 5 1883*
 To *Sam Innull*
65-5 at
Finish here tonight will be
no official an answer
Alaska

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.
DIRECT WIRES.

1883-11-06

D. BARRETT
MANAGER
ST. CLOUD HOTEL

Canton, O. Nov 6 1883

Mr Samuel Hunt
#65 - 5th Avenue
New York.

Your favor of
Nov. 6th came to hand this
morning, but the forms have
not got there.

I forwarded a statement
of amounts of money recd from
Mr Stuart from Macipville.

An encl^{ure} that you will
find another one.

I recd a letter from Mr
Stuart to day stating that it
is important that I should
consult Covington W. before
I go South.

Of the other towns Chillicothe
is the most important, for the
reason that we are about
to install a \$100 light plant.

them; and the enthusiasm which will immediately follow the installation of an Edison plant in such a small town as Chillicothe is a glorious opportunity for our agent to open his subscription books.

I will go direct from Chillicothe to Covington; and from the latter place to New Orleans.

Our 15 light plant started up to night for good; it has now been running three hours and the two dry goods stores are crowded with hay seeds.

The store men are not satisfied with the light; their estimate of electric light has been formed entirely from one light and they are disappointed in the point of its brilliancy, although they admit that their store is as well lit as with gas.

This little plant is a potent argument to advance

1883-11-06

D. B. BENDT
MANAGER
ST. CLOUD HOTEL

Canton, O.

18

in the interest of a Central Station
plant company.

It looks very much to-
-night as if Story would succeed
in organizing a company here,
but no actual understanding
has been arrived at yet with
the moneyed faction.

I got canvas of Canton in
express office at 4 o'clock this P.M.

If I had notified Mr.
Steward ten days ago that
I needed a check immediately
I would of had it by this
time, and would not have
caused you the trouble of
telegraphing money.

I neglected to notify him
in time and as I am
anxious to progress with
the work I telegraphed you
for money.

Mr. Stuart's prospects of forming a company in Covington must be good, otherwise he would not bid me go there: for it is a very poor lighting town. It possessed a fair number of good residences, but they are not collected.

A Brush Co has been formed in Covington recently.

If the lamps arrive here after my departure I will have them forwarded, but I do not think they will come along now.

Very respectfully.

Paul S. Dyer

Covington
Louisiana
Nov 6/18

P. S. Dyer
Nov 27/18

1883-11-07



Canton, N. Y. Nov 7, 1883

Mr Samuel Inell
#65 - 5th Avenue
New York

Dear Sir:

Canton has de-
veloped into a first class town
for our purposes with ripe
acquaintance.

There are several solid
business blocks that show up
beautifully after dark.

I have found several streets
with good dwellings continuous
& not unusually far apart.

Have finally concluded to
leave all manufacturing out
of canvas. They must either
have isolated plants, or be
supplied by a separate station

I am making good progress and am including a territory that could use a 3000 light plant.

Will finish up Friday morning.

Rec'd your letter of the 5th this noon.

Mr. Stuart gave me the following towns to canvass
Chillicothe.

Jamesville.

Lawrence

Circleville +

Sandusky

Of these towns our agent will visit Chillicothe, Lawrence + Circleville this winter. Sandusky + Jamesville will not be worked this winter & therefore canvassers of latter places can not be urgent.

As near as I can calculate it will take me to the 12th of December to canvass above five towns, providing I



Canton, O. 18

Have very little time travelling.
Leaving out Sandusky +
Jonesville (30,000. each)
Dear finish remaining three
times by Nov 29th.

Please advise me on this
point.

If you have anything to
contribute in regard to New
Orleans covers, I wish you
would do so as soon as
possible.

I would also like a letter
of introduction, or even name
of some interested party in
Orleans.

The light plant is up,
engine has been tested, + every-
thing is in readiness to start
up Saturday night.

I do not think we will
get a Company here this

1883-11-07

Wright.

but no other Company can
again a first hand.

Brush Swan & Thompson &
Huntton Agents have been
here for ten days, and had
really made a beginning when
Stony & I appeared on the
scene & dispelled all illusions
of 50% on an Arc plant, or
a Storage battery plant.

If the Distillation Co.
has not done much business
in Ohio, it has decidedly
checked business of other
Companies.

There has been no Arc
light installation in Ohio
since the one in Springfield
& I learn from good authority
that the Springfield people re-
fuse to enlarge their plant,
as the Thompson Huntton
people anticipated.

We have actually broken
up ^{the Arc people} in
the Urbana & Circleville
where they had Companies.



1883-11-07

Canton, O. R.

Already formed.

I find the intelligent & unbiased people everywhere waiting for the Edison System.

I am exerting more effort on every canvas to show it correct, if Mr. Edison sees any bad defect in any work you would do me a kindness by communicating it, & I will remedy it if possible.

Very Respectfully
Paul D. Ryan

Address
Warner House
Chillicothe
Ohio

Will be there Friday

Form No. 1

THE WESTERN UNION TELEGRAPH COMPANY,

1883-11-07

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
257	C. A. R. R.	R. R.	202

Received at: **852 BROADWAY.**

Nov 7 1883

Dated *Carton* *07*

Sam Insull 65 - 5 ave

Letter read code fully today
Geneville next telegraph Money
Ayer

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1.

1883-11-09

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be remedied and/or corrected only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of such paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
367	MSR	121A	222

Received at **852 BROADWAY** Nov 9 1888.

Dated Canton 09

3. Has a Edison 65-5 arc

Finished Canton wire money today
Chillicothe next must discuss
Covington before New Orleans
Dyer

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Form No. 1

1883-11-12

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be corrected only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECCLESST, General Manager.

(716)
NORVIN G. BROWN President.

NUMBER	SENT BY	RECD BY	CHECK
498	CR	W	10 Paid

Received at: **852 BROADWAY,**

Nov. 12 1883.

Dated London O.K.
To Samuel Insull 651 Ave.

Money were a to Chillicothe
must be cancelled and word
here.

Dyer

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-11-12

H. BARNDT
MANAGER

ST. CLOUD HOTEL

Trouble is ^{causing} ~~causing~~ now ^{Nov 12} 11/3
 how soon you expect to be able to bring
 up the power. ^{at 5:50} ~~at 5:50~~ ^{at 5:50} ~~at 5:50~~
 at 5:50 ^{at 5:50} ~~at 5:50~~ ^{at 5:50} ~~at 5:50~~
 Rotary Engine ^{generally} take in
 a pleasure of 1000 lbs & let it out
 at 40 lbs. ⁴ hope power is
 all that is ^{needed} ~~needed~~ ^{needed} ~~needed~~

plant this place was started
 up Saturday night and after
 making a miserable failure
 was shut down again.

Story immediately boarded
 the train for Dulicott and
 I went to the store to apologise
 for their being left in the dark.

Story says he did not
 have enough power, and the
 man who he is to purchase the
 plant telegraphed for another
 engine.

This party wants me to
 make a statement of the

case to Mr Edison, to see what
his opinion of the difficulty is -

The dynamo is run by a
rotary engine which the inventor
says develops 7 H.P. with 90 lbs
of steam.

Friday night all the lamps
were put on for a test and
the engine carried the load
with apparent ease, making
the machine run at 1500 revs
& bringing the lamps up to light.

We started up Saturday
afternoon at 4.45 to supply light
to the storehouse.

The lamps came up
to about 2 feet and
could be seen in the street
be done to bring them up.

The dynamo was made to
1100 revolutions per hour
100 lbs of steam was used.

The same engine ran the
machine at 1450 revs.

1883-11-12



Canton, O.

the same conditions the night before.

One of the conditions of the sale of this plant is that 4 H.P. will run the Dynamo with 25 - 16 C.F. lamps on it.

Mr Thompson the purchaser has a 12 H.P. boiler & this must supply 7 H.P. of Steam to run other machinery.

The lamps are 800 feet from power. a #6 wire runs 200 feet, and a #10 the remainder of the distance.

This incident need not necessarily spoil our chances for organizing a Central Station plant Co.

If the other engine runs this plant with but 4 + 5 H.P. successfully, Mr Thompson

can show a good 50% profit
on his investment.

He is going to charge \$25
for each lamp. Plus a night,
213 nights a year.

If you think it best
to express an opinion, on
the cause of the 'Edison Set'
night, I will forward same
to Thompson.

He is afraid 4 H.P. is not
enough for Dynamos & he
only has a 12 H.P. boiler
out of which he must get
7 H.P. independent of power
for light.

I will proceed to Chillicothe
after I either have been from
your office or from the light
I finished up ~~Chillicothe~~
afternoon & then ~~at~~ ~~midday~~.

The blank for special
report did not arrive ~~in time~~ ~~of D~~

Very Respectfully
Paul S. Dyer

Form No. 1.

1883-11-13

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be corrected without charge only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or omissions in transcription or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. CORKERT, General Manager.

216
MURVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
381	Wm W	G Jaid	

Routed at 852 BROADWAY.

MAY 13 1883

Dated

Canton Ct 13

To

Samuel Druell Esq - J. W. W.

Have borrowed money here
Will go to Chillicothe tonight

Dyer

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-77-73

NIGHT MESSAGE.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions making its liability, which here is limited to the sender of the following message, known and be granted against only to the sender of the message, and the sender of the message shall be held liable for any error or delay in transmission or delivery of the message. The Company shall not be held liable for any error or delay in transmission or delivery of the message if the delay is not caused by breaking within forty miles of the place of destination. This is an UNREPLACED NIGHT MESSAGE, and is not covered by the ordinary rates of the Company.

THOS. T. ECKERT, General Manager.

HUGH W. GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
222	<i>Ru</i>	<i>St. Paul</i>	

Received at the WESTERN UNION BUILDING, 157 Broadway, New York, *note*
Nov 13, 1883

Canon 013
Samuel Insall
RECEIVED BY THE MEMBER UNION NO. *517* *Fifth* *New York*
Do not recall money will
Chillicothe tomorrow

St. Paul

1883-11-14

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for confirmation, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of said paid charges, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NOBYN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
337	Gm W	to paid	

Received at **852 BROADWAY.**

Dated

To

Nov 4 1883.
 Fall River Mass
 Paul Conall
 via Fifth Ave
 Start for New York by boat
 tonight
 G W Wilber

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-11-14

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been asserted to be the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for confirmation, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

RECEIVED NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	NOV 14 1883
297	Co W	15 Collect	ANSWERED 257
Routed at 852 BROADWAY.			FILE No. 1883-14 1883

Date *Chillicothe 014*

To *Samuel Insull 65 = 5 arc*

Arrived in *Chillicothe this noon*

Money has been cancelled at
 telegraph office telegraph money
Dyer

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.
DIRECT WIRES.

Chillicothe Ohio
Nov 14th 83

1883-11-14

E
Mr Samuel Innes
#65 - 5th Ave
New York:

Dear Sir

I presume you
are justly vexed by the ad-
ditional delay at Canton, and
I assure you I suffered
mental torment myself, Canton
being the last place on Earth
for a man with no money,
and whose spirit has gone on
ahead searching for a map
of the next town, to enjoy
existence.

I telegraphed for money to be sent to Canton.

Two days after I had quitted Canton, Story telegraphed from Chillicothe that the money was there.

On the strength of this, he (Story) borrowed \$75 & wired it to me at cost of \$1 ²⁰/₁₀₀.

As I could not leave town on this I raised the balance by strictly legitimate means, and arrived in Chillicothe only to find that the money had been cancelled, and no check from Stuart.

Wanting speedy relief, I put a philosophical countenance on the matter & started in with the determination to make up for lost time.

1883-11-14

There is only nine hours bet'
Cincinnati & Canton & Mr Stewart
had two days notification before
I run out -

I had a tough time last
night - I had to lay over
5 hours in the night, at a little
country town, where the depot
consisted of a plank platform;
and it was storming hard -

Arrived in Columbus at 4 am.
where I had another wait of
5 1/2 hours: While quietly I feel
a little shaky this evening -

A 100 light plant is being
installed in a sewing machine
works, this city -

After you receive this
letter address me under

care of A. Street Cincinnati.

I will try to finish up
Sunday.

Chillicothe has a population
of 13000 but is rather a poor
lighting town.

It is not completely built.

Did not receive new Special
report blanks; they were
probably lost on the way.

Please send me the last
bulletin -

Very Respectfully
Paul D. Dyer

Ohio
Chillicothe
P. D. Dyer
11/27/13
2

1883-11-15

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Hurgess's Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not prosecuted in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

52 NORVIN GREEN, President.

NUMBER	SENT BY	RECD BY	CHECK
393	Hru	Ga	

Received at 852 BROADWAY.

NOV 15 1883.

Dated *Chillicothe Mo*

To *Saml Insull*

65 Fifth Ave

*Money rec'd will furnish Saturday
nights will write
Oyer.*

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1893-11-15

Chillicothe Ohio
Nov 15th 83

Mr Samuel Insull
#65 - 5th Avenue
New York:

Dear Sir:

Your letter of
the 12th & 13th rec'd to day.

I will make a point of
finishing Chillicothe canvass
Saturday afternoon.

Will take the Maister
road to Cincinnati same
night & Sunday morning
will take the Louisville &
Nashville A.R. to New Orleans

This is the nearest route to
New Orleans and the only
one that runs through cars.

Covington will have to
remain uncanvassed until
some future period.

I have canvassed
^{seven} ~~six~~ towns viz: Georgetown,
Washington C.H. London,
Springfield, Akron, Ravenna
& Hamilton, that have not
yet been visited by the agent
of the Installation Co.

Two of above towns, Akron
and Springfield are the
best towns in the State,
and in both I found a
general feeling in favor of
incandescent light.

These towns will certain-
ly furnish the Installation

1883-11-15

2
Company with a good
winters work.

Story has the thing well
started here and if the
Eps Co dont begin their
opposition soon will push
it through.

Would it be convenient
to you to have my acct
made out & squared up
to Dec 1st?

With my last Nov
Expense account, I will
send statement of all
money rec'd & all accounts
rendered.

Cold weather takes all
the romance out of this
employment. I found
this out to-day & to-night.

Was compelled to make
frequent breaks for the
hearth stove -

I hope to receive a
letter from you to some
party in New Orleans before
I leave Liverpool - but
it really makes no difference
if I don't -

It is only a convenience
to me -

Very Respectfully

Paul D. Boyer

of the 12. 2. 18
at the arch of our
P. O. Boyer
New York

1883-11-17

Hotel Weinmeister

C. J. Weinmeister, Proprietor.

Street to Post Office.

163rd
Rates, \$2.00 per day.

Atlanta, Ga. Nov 17th 1883

Saml Duwell Esq.

Dear sir,

Arrived here this afternoon, cannot do anything until Monday have looked around some and judge from the city that it will take me two weeks to canvass it. will make it through soon as possible. please notify me as soon as you can the next place I go to from here so I can know where to have my letters sent. tomorrow Sunday I shall lay out the district to be canvassed and get my bearings. The next places I go

1883-11-17
Hotel Weinmeister,

C. J. Weinmeister, Proprietor.

Next to Post Office.

Rates, \$2.00 per day.

Atlanta, Ga. 1883

to if you can notify of some person
or persons to call on it will
help me very much indeed and
not only that but save you money
in the way of maps. I met Mr
Cook on the train he introduced
himself, the first time I have met
him, he said you were soon
to take a trip to Europe I wish you
a very pleasant trip and hope to see
you back again soon and closing
I remain

Yours respectfully
G. W. Miller

Form No. 44

NIGHT MESSAGE.

1883-11-18

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages by one of its lines, and it has been assumed by the sender of the following message, that it can be guaranteed against any error or delay in its transmission or delivery of Unrepeated Night Messages, except as returned rates, beyond a sum equal to ten times the amount paid for transmission thereof in any case where the claim is not presented in writing within three days after sending the message.

This is an UNREPEATED NIGHT MESSAGE, and is delivered by receipt of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

WOLVEN GREENE, President.

NUMBER	SENT BY	REC'D BY	CHECK
6958 Wm	K.P.	Spruon	

Received at the WESTERN UNION BUILDING, 195 Broadway, New York, Nov 18 1888.

Dated Madison Wis 17
 To Thos A Edison

65 7th Ave ny
 just arrived address park Hotel
 Ch Cook

Form No. 1.

1883-11-19

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting liability which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station. The company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon. The case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	RECEIVED BY	CHARGE
546	M. G. Ly	9 PM	

Received at **852 BROADWAY.**

Nov 19 1883.

Dated New Orleans La 19

To Samuel Insull.

65 - 5 Ave

Address one sixty one Carondelet
street no letters yet.

Syr

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-11-29

#161 Carondelet Street
New Orleans Nov 20th 83

Mr Samuel Insull:
#65-5th Avenue
New York:

Dear Sir

I left Chillicothe
on 17th of Saturday: was enabled to do
this by working all night before.

Went from Cincinnati through
without change of cars, distance 925
miles by shortest route.

I was fortunate enough to get a
cut rate ticket for \$20: regular fare
must be in neighborhood of \$30.

No letters yet at P.O. However
I shall not wait for them but start
in to-day.

I was out last night & made
a thorough survey of the City.

Only two streets in the City.

Canal + St Charles are good lighting
St's. On Canal St the retail business
houses are continuous for three quarters
of a mile. At the bar & gambling rooms,
theatres & restaurants are on St Charles.

The stores have lit an unusually
large number of jets; but at the same
time are not brilliantly lighted.

The gas is very poor.

At the rest of the business part of the
city puts one strongly in mind of
the Slums verging on the five points,
N.Y.

Altogether it is the most miserably
dirty & poverty stricken appearing
place I ever saw.

It will be hardly necessary to
go around a block here.

Last night I walked leisurely around
every block facing on one side of
Canal Street. On the majority

1853-11-20

of these blocks, the other three sides did not have over ten lights altogether, and some not a single light.

This is the French Quarter and is densely populated.

I have not got the smell of garbage off my shoes yet from last night's ramble.

I went in the St. Charles office to see the light. Our light was burning smoothly, but was not up to its proper candle power.

An arc light + several gas jets were going at the same time in the office.

The arc light plant here is a very large one. It is lighting all of the larger bars sheds on St. Charles St, and a few dry goodshouses on Canal. The majority of houses on Canal St have an arc light in front, only displacing the gas jets in the windows.

Of course there are large handsome residences in New Orleans; but they are not a mile from Canal + Charleville.

There are houses on one side in the immediate neighborhood of these streets, that to see outward appearances are first class - but they are not all boarding houses, tenements & apartment houses of a class that would not avail itself of a perfect light, with the preliminary expense of wiring.

New Orleans can't compare with Kansas City in point of profitable lighting.

Very Respectfully

Paul D. Dyer.

#161 Canondet Street
New Orleans Nov 20 '83

Mr Samuel Insull
#65 - 5th Avenue
New York

Dear Sir

Your letter of 16th
inst recd this afternoon.

Letter of introduction presented to
Mr W. H. Bolinger.

Mr Bolinger is President of
the District Messenger Service, and
has facilities through an extended
acquaintance of helping me ma-
-terially.

Will procure a map to-morrow
morning.

I have become familiar with the
streets, and have decided definitely
the boundaries of the territory
I shall canvass.

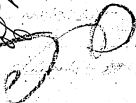
Can not inform you when I
will finish until I have put in
a day or two on actual work.

Very Respectfully
Paul D. Dyer

a 10

77
Nov. 20/43
P. D. Dyer
re. the Town
of New Orleans

Date



Form No. 1.

1883-11-21

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. BOKRENT, General Manager.

NORVIN GREEN, President.

SENT BY <i>T. T. Bokrent</i>	RECEIVED BY <i>Ed</i>	CHECK <i>120</i>
---------------------------------	--------------------------	---------------------

Received at **852 BROADWAY.**

Nov 21 1883.

Dated *Madison Wis*To *Thos. A. Edison**For 65-5 Ave**Arrive here Friday pm wire**Instructions**W. H. Cooke**Chief*

This telegram has not been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Mr. Tate

- 22nd Nov 1883 -
1883-11-22

Please request Mr. Locke, very formally
to number the blocks on the map & on the Caways.
I have asked him this a dozen times & he
has not yet done it. - It gives me a great
deal of trouble & loses much time to be
obliged to hunt up the blocks, especially
as he does not Caways around the block
but up & down streets.

Please also request him not to refer to the
(over)

end of the book for causes of hotels &
other large public places, as it leads to a
confusion. - Let him put every thing in its
place

H. J. Mumford

26

1883-11-22

Monday morning
9.30 p.m.

My dear Jaki:

I opened Wilber's Census hoping to find what I wanted. I find a part of Census has miscarried, as we have nothing from Book 21 to 31. I want pages 1 to 47 inclusive of Volume 2nd - that is the part that has not come to hand. I further want shets 139 + 140 of Volume 1st, which did not come to hand (at least as far as I am concerned.)

I further want copies of blocks marked in red ink on map printed here with the whole enclosed in it. Tell Wilber to answer immediately & intelligibly to all questions asked as it will delay map - not to send identical telegrams but explanation by letter.

Wm. H. Fry

I am, please!!!

THOMAS A. EDISON,
Central Station, Construction Dep't,
NO. 65 FIFTH AVENUE,

1883-11-23
Form 2.

Safety Catches.

New York, 23rd November 1883.

Hazleton

		Number of Safety Catches.	Size of Feeder or Main, D.W.C.
At Feeder 1/	for feeder 1.	3	* 2 ✓
	" main 1-2	3	* 2 ✓
	" " 1-3	3	* 2 ✓
At Feeder 2/	" feeder 2.	3	* 2 ✓
	" main 2-1	3	* 2 ✓
	" " 2-3	3	* 0 ✓
At Feeder 3/	" feeder 3.	3	* 3 ✓
	" main 3-1	3	* 2 ✓
	" " 3-2	3	* 0 ✓
	" " 3-H	3	* 3 ✓
At C,	for Branch C-C,	3	* 10 ✓
" D,	" D-D,	3	* 2 ✓
" E	for Branches { E-A	3	* 8 ✓
		3	* 8 ✓
" K	" K-J.	3	* 2 ✓
" G	" G-G,	3	* 5 ✓
" I	for Main 2-3	3	* 0 ✓

51 Safety Catches.

For ~~Wires~~ Wires -

3 at foot of each feeder

Total Number of Safety Catches 60 =

Order No 449
Nov 23

1883-17-24
Form 1.

THOMAS A. EDISON,
Central Station, Construction Dep't,
No. 85 FIFTH AVENUE,

New York, 24th March 1883.

Mr. Small,

I beg to return you diagram by Mr. Clark, with Electrical Centre marked thereon.

In supplying at feeders 1 + 2 in equal proportions, the point of the deepest drop (Mr. Clark's Electrical Center) is 502.5 from feeder 1 + 424.5 from feeder 2, with 72 lamps on feeder 1 and 100 lamps on feeder 2.



H. J. Macrae

1883-11-25

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to be the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of telegraphed messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

73	SECRET	INDEXED BY	CHECK
<i>fp</i>	<i>h</i>	<i>572</i>	<i>1129</i>

Received at **854 BROADWAY.**

Nov 25 1883

Date *Grand Haven Mich 25*
To *Saml Insull Care Edison Ed Light*
65 2nd an

Your received. Address *Cutler*
House.
Ch Cooke

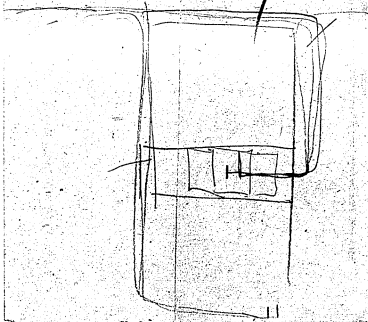
This telegram has just been received at the office in 854 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

Robbie
Note

⁶⁴ Nov 21/8
C. A. Cooke
of the address

this
State



1883-11-25
Hotel Weinmeister,

C. J. Weinmeister, Proprietor.

Street to Post Office.

V Rates, \$2.00 per day.

Atlanta, Ga. Nov. 25 1883

Saml Inceull Esq

Dear sir

Your favor
of the 24th at hand and in reply will
say that I am getting along nicely and
am in hopes to get through by next
Monday. The City Engineer has promised
to lend me his Atlas if you will
return it in 10 days I shall not take
it until I leave so to give you more
time he was not able to make us a
drawing he was so busy so to help us
along he kindly consented to loan us his
Atlas which is the latest map issued.
he used to be an "Opera" singer so I

1883-11-25
Hotel Weinmeister,

C. J. Weinmeister, Proprietor.

Street to Post Office.

Rates, \$2.00 per day.

Atlanta, Ga. _____ 188

attended "Opera" and he let us have maps
people close very early here and I'm -
determined they do all through the South.
it is a very large district and lots of
business wholesale and retail all mixed
up together the first class dwgs here
are very nice as good as they have
North. I received a letter from Mr
C. P. Lyon who used to canvass with me
saying he was foolish he did not stick
and asking me if I could get him on
again as canvasser or anything else if
you have an opening ^{he} is a good man
his past work will speak for him
his Address is C. P. Lyon

Centre St
Dorchester Sta.
Boston

1883-11-25
Hotel Weinmeister,

C. J. Weinmeister, Proprietor.

Next to Post Office.

Rates, \$2.00 per day.

Atlanta, Ga. 1883

also please find enclosed itemized ex-
pense acct. to Nov. 21st (would you be
be kind enough to ask Mr. Tate
to send a check for \$20.00 made
out to Magnus V. Viles and send
to the address below the money
I have I wish to keep for expenses
by so doing you will confer a
great favor on

Yours truly
G. H. Walker

Please send check

Magnus V. Viles
390 Broadway
So Boston
Mass

Care J. P. Bullard

THOMAS A. EDISON,

Central Station, Construction Dept.,
No. 65 FIFTH AVENUE

1883-11-26 Form 11

Grand Haven Mill. 1
New York, Nov 25 7/ 1883

RECEIVED
NOV 25 1883
ANSWERED

Samuel Insull Esq.

Dear Sir.....188

FILE NO.
Enclosed please

find Report of Madison this.
I send you by express Canvas notes
and maps, our maps have shown location
of lot for Stations 40 x 120 the owners
have given refusal of same for 20 days
at 50, two per cent. of expected locations
and figures on other lots by mail
to day which will forward the
receipt.

Now think I will finish here
Wednesday P.M.

Yours Respectfully
C. H. Looker

Yours of 14th recd.

100

Nov 25/13

C. H. Cooke

re canvassing

Mr. Inman

RECEIVED
NOV 28 1863
ANSWERED

Received hand
to Mr Campbell. Amos
not yet recd

J. H. [Signature]

#161 Canondelt St-
New Orleans Nov 26th 83

Mr Samuel Insell
#65-5th Avenue
New York;

Dear Sir:

Yours of the 22^d
came to hand this morning.
The area I am cartwalling in-
cludes that of attached sketch.

I will finish this week.

Have you got any work in my
line within a days journey of Washington?
Would like to visit some of them.

It is exceedingly sultry here and
has rained without intermission one
week to day. The rain has not
kept me in doors, but it has made
my progress slower at times.

I heard a man in the
St Charles yesterday state that

Edison had bought up the
maxim people, is it so?

I hope the graceful exit of
A. B. Johnston from the stage of
life will not retard our business in
Africa.

I would like to keep posted
on what we are doing; can't you
direct one of your officials to send
me the bulletins & occasional other
matter of interest bearing on the
subject?

Very Respectfully
Paul D. Byer.

P. S.
The new Special Report blanks have
not come to hand yet.

57
11/26/13

P. D. Byer

re commissioning

1883-11-27

Form No. 1.

THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on condition limiting its liability, which have been accepted by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of unrepeated messages, beyond the amount of tolls paid thereon, and in any case where the delay is not occasioned in proceeding to the party and after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NUMBER	SENT BY	RECD BY	CHARGE
10	Wm	Wm	PAID

Received at **852 BROADWAY.**

Dated *Nov 27 1883* *Grand Haven Mich*

To *Pro. A. Edison*

65 Fifth Ave

Finish here tomorrow noon

shall I go to Niles answer

C. H. Cooke

This telegram has just been received at the office in 852 BROADWAY, just below Fourteenth Street, where any reply should be sent.

DIRECT WIRES.

1883-11-27

Hotel Weirmeister,

C. J. Weirmeister, Proprietor.

Next to Post Office

Rates, \$2.00 per day.

Atlanta, Ga. Nov. 27th 1883

Saml Small Esq.

Dear sir:

There is a new hotel going up here in Atlanta the frontage on Decatur St is about 156 ft. " 200 ft on Pryor St. and 164 ft. on Wall St it will be known as the Kimball House Mr H. J. Kimball whose address is 9 1/2 Peach Tree St. is at the head, I believe it is being built by a stock company and is going to be 7 stories high and first class in every respect. there will be 12 stores or offices on Decatur St. 6 on Pryor and 6 on Wall St. there will be 288 rooms outside of the public rooms now present

1885-11-27
Hotel Weismeister,

C. J. Weismeister, Proprietor. 10302

Next to Post Office.

Rates, \$2.00 per day.

Atlanta, Ga. 1885

wrote to see Mr Kimball this morning and explained to him we were coming here. I told him I thought it would be better if he put in an Isolated Plant we had quite a long talk and I think he is favorably impressed with the idea. When it came to figures I was not there, but told him I would write you to night. he will also write to you as Mr Edison some time this week and send you a Photograph of the building. I hope you may succeed in making a sale I wish I had some figures to go by when I meet such men as he I can at least start the ball to rolling. I met the Superintendent of the Atlanta

Hotel Weinmeister,

1883-11-27

C. J. Weinmeister, Proprietor, No 302

Next to Post Office.

Rates, \$2.00 per day.

Atlanta, Ga. 1883

Cotton Mill the other evening, he has the Arc lights in his mill but should judge from what he said he was not satisfied, he wants one to come up to the mill to talk with him which I shall do soon^{er}. I get through my night survey work and will inform you what he says. There is a new gas company started here in opposition to the old gas Co. they are going to use water gas I also understand, the Arc folks, also are going to establish here. Everything going along finely expect to be through next Monday

Yours Respectfully
G. W. Wilbur

1883-11-30

Form 4 NIGHT MESSAGE.

MUTUAL UNION TELEGRAPH COMPANY.

This Company is not responsible for any conditions existing in its liability, which have been assumed by the sender of the message, or for any conditions existing in the liability, which have been assumed by the receiver of the message, or for any conditions existing in the liability, which have been assumed by the sender of the message, or for any conditions existing in the liability, which have been assumed by the receiver of the message.

JOHN G. MOORE, President. WOS. C. PURDY, Gen'l Manager. CHAS. F. PECK, Secretary.

NUMBER 48 4 4 17 Paid am
Dated Boston 30 1883

Received of Samuel Insull
Essex Building
65 5th Street

Your copy received and accepted
This paper to you if
possible, tomorrow, Saturday
Chas F Peck
Comptroller
Orchestra Station Boston



November 1883

Approximate
No. Incidental to


THOMAS A. EDISON, JR.

CENTRAL STATION, CONSTRUCTION DEPT.,

65 FIFTH AVENUE, N. Y.

Carwassing Exp. Ac

Days		Incidental	allowance	Salary	General Exp		
✓ 1	✓ 19	✓ Remover 10 to 10 1/2 hours	26 45	55 00	57 57	59 80	197 82
✓ 2	✓ 8	✓ Ulica 6 to 10 1/2 hours	11 77	22 20	24 24	25 20	84 41
✓ 2 1/2	✓ 24	✓ Erie 10 1/2 hours to 12 hours	61 46	69 50	72 72	75 60	279 28
✓ 11	✓ 11	✓ Minneapolis 2 1/2 hours to 10 1/2 hours	4 93	31 80	33 33	34 60	104 66
✓ 13	✓ 3	✓ Georgetown 2 1/2 to 10 1/2 hours	5 71	8 70	9 09	9 40	32 90
✓ 14	✓ 14	✓ Hartford 2 1/2 hours to 10 1/2 hours	30 70	40 50	42 42	44 05	157 67
✓ 1	✓ 1	✓ Sunbury 10 1/2 hours	3 50	2 90	3 03	3 10	12 53
✓ 6	✓ 6	✓ Bellport 10 1/2 hours	15 45	17 40	18 18	18 90	69 93
✓ 18	✓ 18	✓ Lock Haven 10 1/2 hours	15 89	52 20	54 50	56 60	179 19
✓ 12	✓ 12	✓ Hamlin 10 1/2 hours to 10 1/2 hours	34 55	34 80	36 30	37 75	143 40
✓ 5	✓ 5	✓ Middletown 2 1/2 to 10 1/2 hours	4 40	14 50	15 10	15 70	49 70
✓ 6	✓ 6	✓ Unionville 2 1/2 hours to 10 1/2 hours	47 00	191 40	199 90	234 30	672 60
✓ 13	✓ 13	✓ Patsfield 10 1/2 to 10 1/2 hours	3 50	37 74	39 30	40 90	121 40
✓ 6	✓ 6	✓ Danbury 2 1/2 to 10 1/2 hours	3 75	17 40	18 10	18 85	58 10
✓ 3	✓ 3	✓ Southington 2 1/2 to 10 1/2 hours	2 10	8 70	9 09	9 40	29 29
✓ 4	✓ 4	✓ S Paul 2 1/2 to 10 1/2 hours	44 89	11 60	12 12	12 55	80 66
✓ 8	✓ 8	✓ Davenport 10 1/2 to 10 1/2 hours	22 32	23 20	24 20	25 15	94 87
✓ 10	✓ 10	✓ Appleton 10 1/2 to 10 1/2 hours	7 95	29 00	30 30	31 45	98 70
✓ 3	✓ 3	✓ Arcadia 2 1/2 to 10 1/2 hours	1 50	8 70	9 09	9 40	28 69
✓ 15	✓ 15	✓ Worcester 1 1/2 to 10 1/2 hours	20 60	43 50	45 40	47 20	156 70
✓ 4	✓ 4	✓ Natick 1 1/2 to 10 1/2 hours	1 20	11 60	12 10	12 55	37 45
✓ 2	✓ 2	✓ Palmer 2 1/2 to 10 1/2 hours	1 65	5 80	6 06	6 35	19 86
✓ 3	✓ 3	✓ Washington 2 1/2 to 10 1/2 hours	7 44	8 70	9 09	9 40	34 63
✓ 6	✓ 6	✓ Piqua 2 1/2 to 10 1/2 hours	3 54	17 40	18 10	18 85	57 89
✓ 1	✓ 1	✓ Milwaukee 2 1/2 hours	4 20	2 90	3 00	3 15	13 45
✓ 6	✓ 6	✓ Racine 2 1/2 hours to 10 1/2 hours	7 45	17 40	18 10	18 85	61 80
✓ 3	✓ 3	✓ Mendota 6 to 10 1/2 hours	6 13	8 70	9 09	9 39	33 31
✓ 3	✓ 3	✓ Newburgh 1 1/2 to 10 1/2 hours	2 89	8 70	9 09	9 45	30 13
✓ 2	✓ 2	✓ Haverstraw 1 1/2 to 10 1/2 hours	60	5 80	6 00	6 30	18 70
✓ 4	✓ 4	✓ Portland 1 1/2 to 10 1/2 hours	11 25	11 60	12 10	12 60	47 55
✓ 9	✓ 9	✓ Luma 2 1/2 to 10 1/2 hours	8 15	26 10	27 20	28 35	89 80
✓ 6	✓ 6	✓ Tiffin 1 1/2 to 10 1/2 hours	3 24	17 40	18 10	18 90	57 64
✓ 6	✓ 6	✓ Spencer 2 1/2 to 10 1/2 hours	6 65	17 40	18 10	18 90	61 85
						forward	3215 76

 THOMAS A. EDISON, Inc.

CENTRAL STATION, CONSTRUCTION DEPT.

65 FIFTH AVENUE, N. Y.

		Incident ²	allowance	Salary	general	Days	52.15	76
✓	1	Northfield 20 10 20 Aug	2 20	2 90	3 00	3 15		11 25
✓	4	Northwich 20 10 20 Aug	20 65	11 60	12 12	12 60		56 97
✓	7	Pawnee 20 10 20 Aug	10 01	20 30	21 21	22 05		73 57
✓	10	Springfield 20 10 20 Aug	11 08	29 00	30 30	31 50		101 88
✓	5	London 10 10 10 Sept	3 67	14 50	15 15	15 75		49 07
✓	2	West Concord 10 10 10 Sept	6 50	5 80	6 06	6 30		24 66
✓	5	Lockdale 15 10 10 Sept	4 40	14 50	15 15	15 75		49 80
✓	2	Southbridge 10 10 10 Sept	5 40	5 80	6 06	6 30		23 56
✓	7	Fall River 10 10 10 Sept	7 60	29 30	51 51	53 55		161 96
✓	7	Urbane 15 10 10 Sept	2 59	20 30	21 21	22 05		66 15
✓	9	Stow 20 10 20 Sept	7 51	26 10	27 27	28 35		89 23
✓	19	Buxton 10 10 10 Oct	8 59	55 10	57 57	59 85		181 11
✓	9	Syracuse 10 10 10 Oct	2 56	26 10	27 27	28 35		84 28
✓	5	Cynthiana 4 10 10 Oct	3 29	14 50	15 15	15 75		48 69
✓	10	Franklin City 10 10 10 Oct	29 75	29 00	30 30	31 50		119 55
✓	5	Hazelton 11 10 10 Oct	4 40	17 40	18 18	18 90		58 88
✓	4	Mt Carmel 10 10 10 Oct	7 55	11 60	12 12	12 60		43 87
✓	2	Columbus 10 10 10 Oct	6 44	5 80	6 06	6 30		24 60
✓	5	Carters 20 10 20 Oct	5 79	14 50	15 15	15 75		51 19
✓	2	Chickasha 10 10 10 Oct	6 80	5 80	6 06	6 30		24 96
✓	4	Auburn 10 10 10 Oct	10 34	11 60	12 12	12 60		46 66
✓	2	Mayville 11 10 10 Oct	5 72	5 80	6 06	6 30		23 88
							46 31	53

1853-12-06
Form 2.

THOMAS A. EDISON,
Central Station, Construction Dep't.,
No. 65 FIFTH AVENUE,

New York, 5th Decr, 1883

Mr. Tate

I beg to hand you herewith
Duplicate charts of

- 1. Galver ✓
- 2. Mecho ✓
- 3. Northfield ✓
- 4. Spittbridge ✓
- 5. Spencer ✓

RECEIVED
DEC 6 1883
ANSWERED

FILE NO.

188

which you requested this am. -
Whether that you also desired,
is not yet mapped, for the simple
reason that we have no map, although
I have been asked for repeatedly

I also give you Northfield
what you did not require. Knowing
what a bad place it is. - It might
nevertheless be good to send it to
me, again as I believe I remember
immediately saying it was at his
recommendation that place was
Calver fed.

T. A. Edison

[TO JOHN R. CAMPBELL?]

THOMAS A. EDISON,
Central Station, Construction Dep't.,
No. 65 FIFTH AVENUE,

Form 21.
1883-12-16

Battle-Creek
NEW YORK Dec 16th 1883

Friend Campbell

You will find good
Brick building on Central Sta
Lot - of Spauld's each floor is 1 Room
For Hillsdale which will require
a plain brick sta on account
of being within Fire limits
You can get to rear of Lot with
R.R. Switch which R.R. Co will
put in at no expense to us
Hillsdale mow would want
Central Sta Office about same
style as Brooklyn mas.
Spauld's Office wants to be
about - but - very cheap
This town is not worth Hell
Room

Yours in haste
C. F. Tucker

1883-12-19
Form 2

THOMAS A. EDISON,
Central Station, Construction Dep't,
NO. 65 FIFTH AVENUE,

New York, 19th Dec 1883

Charley,

In reference to this matter, Mr. Neora wants the estimate to be made in a liberal way, allowing full price for everything. - a little more wd be preferable to a little less.

He wishes you to count coal @ \$11. per ton for trimming, expenses, & to add 50% onto American wages. He also wants estimate on fixtures & Electrode, &c for 1000 light.

Henry

31st December 1883

No

Canvassing Exp.
Account

THOMAS A. EDISON, Jr.

CENTRAL STATION, CONSTRUCTION DEPT.

65 FIFTH AVENUE, N. Y.

No. of days living
in country

Incidental Exp. Allowance / days - Months - Total

	North Adams					4	44	22	44	22	
	5 Hudson		5	30	08	2	22	11	22	19	
	3 Philadelphia	2	40	3	18	06			20	10	
	20 New Orleans	21	70	20	120	35	4	44	22	206	33
	3 Calverton	27	71	3	48	13	5	35	27	123	11
	6 Dallas	23	87	6	36	10				69	97
	21 Atlanta	33	50	21	126	35	10	110	55	270	40
	13 Mobile	27	90	15	90	25				115	15
	11 Knoxville	22	05	11	66	18				88	23
	6 Poughkeepsie	2	34	6	36	10	4	44	22	83	16
	10 Madison	32	94	10	60	17	3	33	16	128	27
	3 Grand Haven	14	13	3	18	06	3	33	16	65	40
	3 Williamsport	23	37	8	48	13	4	44	22	115	72
	7 Springfield	23	65	7	42	11	6	66	33	132	09
	3 Hillsdale	5	25	3	18	06	2	22	11	45	42
	4 West's brook	10	45	4	24	00	2	22	11	56	82
	4 Mount Shennet	8	90	4	24	06	2	22	11	55	07
	8 Sinclairville	14	25	8	48	13	5	55	27	117	65
	3 Sherman	30	32	3	18	06				48	38
	8 Farm Arbor	8	91	8	48	13				57	04
	5 Adrian	6	36	5	30	08				36	13
	6 Pottstown	26	93	6	36	10				63	03
	5 S. de Costa Rica						2	22	11	22	11
	Sanliagu						7	77	37	77	37
		391	73		986	75		718	54	2097	02
	Attd. at debts canvassing										
	per state of Nov ^r 1883				4631	53					
	" " " " of 31 st Dec ^r 83				2097	02		6728	55		
	less canvassing Exp. transferred							193	64		
	to sundry stations										
	Balance at debts of Ledger 31 st Dec ^r 83									6534	91

No. *Sundries at Deloit*
of Carversing Co. H

To THOMAS A. EDISON, Jr.

CENTRAL STATION, CONSTRUCTION DEPT.,

65 FIFTH AVENUE, N. Y.

Incidental allowance Salary and Gen. Expenses

Month	Day	Description	Amount	Amount	Amount	Amount
Nov	28	Pay Roll				58 50
	30	Phillips (Dyer) 10 Nov to 14 Nov	2 40			
		Williams " 17 - 16 21 -	32 98	17 50		
		" " 24 - 16 18 -	66	22 50	75 83	
Dec	27	" " 1 Dec to 7 Dec	2 56			
		Salveston " 7 - 16 14 Dec	23 39	38 00		
		" "	75			
	31	Dallas " 15 Dec to 31 Dec	18 31	17 50		
Nov	30	Pay Roll				75 50
		Petty cash				10 89
		Terwilliger + Beck (part jobs)				3 25
		Atlanta (Wilson) 15 Nov to 16 Dec	33 50	40 00	78 00	
Dec	27	Musica " 6 Dec to 11 "	12 15	35 00		
	31	" " 15 - 16 21 -	15 75			
		Tomavilla " 21 - 16 23 -	19 30	17 50		
Nov	30	Prasanna (Curtis) 5 Oct to 6 Nov	2 34			
		Madison " 15 Nov to 15 "	32 94			
		E. Hawes " 25 - 16 19 "	14 18			
		+ Witzgawski " 21 - 16 18 Dec	21 37	57 50	86 66	
Dec	27	" "	2 00			
		Appel-Curran " 5 Dec to 11 Dec	5 30			
		Hildrad " 10 - 16 15 -	16 30			
		" " " 3 20				
		+ Backs cash " 10 to Hildrad + Appel	4 10	37 25		
Nov	30	Ten Squares + Tables for office				56 40
Dec	17	Pay Roll				75 50
		Evans + Arnold (Sundries)				12 40
	19	Pay Roll				75 50
	19	Knappell + Essex (papers)				96 00
	27	Benton May 60 (expense to Curtis)				2 50
	27	Wells (Lynn) 5 Dec to 9 Dec	10 65	10 00		
	31	March 25 " 9 - 16 18 -	5 90			
		Cwickovick " 15 Dec to 31 Dec	14 25	17 50		
	27	Stethum + Burnell (Sundries)				39 50
		Pay Roll				77 50
			299 78	324 75	240 49	583 44

49 Mar 1895

Canvassing Expense Account

Renovo	197	82
Utica	84	41
Erie	279	28
Muncieapolis	104	66
Georgetown	32	90
Hartford	157	67
Sunbury	12	53
Bellafonte	69	93
Lack Haver	179	19
Hamilton	143	40
Middletown	49	70
Louisville	672	60
Pittsfield	121	40
Danbury	58	10
Southington	29	29
St Paul	80	66
Davenport	94	87
Appletown	98	70
Neenah	28	69
Worcester	156	70
Natick	37	45
Palmer	19	86
Washington	34	63
Riqua	57	89
Milwaukee	13	45
	<u>2815</u>	<u>78</u>

	2815	78
Racine	61	80
Mendota	33	31
Newburg	30	13
Haverstraw	18	70
Portland	47	55
Lima	89	80
Tiffin	57	64
Spencer	61	05
Northfield	11	25
Norwich	56	97
Ravenna	73	57
Springfield	101	88
London	49	07
Westboro	24	66
Webster	49	80
Southbridge	23	56
Fall River	161	96
Urbana	66	15
Attson	89	23
X Bructon	181	11
Syracuse	84	28
Cynthiana	48	69
Kansas City	119	55
Hazleton	58	88
Mt Carmel	43	87
Columbus	24	60
Barton	51	19
Chillicothe	24	96
Auburn	46	66
Marysville	23	88

Date 2000	2-3	3-4	4-5	5-6	6-7	7-8	8-9	10-11	11-2	Cities (1883)
										13000
										48000
										26000
										21000
										19000
										18000
										39000
										38000
										13000
										27000
										21000
										38000
										52000
										59000
										16000
										24000
										13000
										362000
										21000
										58000

52
 29 29
 12 4 8 5 5 6
 mass

(1883)

1000s 2000	2-3	3-4	4-5	5-6	6-7	7-8	8-9	10-11	11-12	(1883) Cities
 	 						 	 		46000 41000
19	10	8		4			1	1		
Minnesota										
 54	 	 	 	 	 	 	 	 		20000 16000 13000 32000 19000 116000
	20	10	10	1	4	2	4	1	1	
Michigan										

(1883)

1500	203	304	405	506	607	708	809	1000	1102	City
										15000 13000 19000 104000 16000
5	6	2	4	6						Rhode Island
										41000 15000 18000 5000 12000 29000 17000 51000 28000 5000 13000 2000
5	7	4	4	4	3	2	3			New Jersey
										37 137 1 1 1 1
										new Hampshire

(1888)

(1883)

1000 to 2000	2-3	3-4	4-5	5-6	6-7	7-8	8-9	10-11	11-12	Cities
							'		'	19000
			5	4	2	3	1		'	30000
		16								10000
	41									
141										

Maine

(1883)

(1883)

[Form T.]

THOS. A. EDISON,
Central Station Construction Department,
65 FIFTH AVENUE,

New York, 188

To

DEAR SIR:

I send you by Blue Print of

on which I have marked in red pencil the portion of the town within which it is desirable that our Electric Light Central Station should be located. I shall be glad if you will obtain for me information on the following points concerning any lots for sale within the area marked:

Exact size of each lot.

Price of each lot.

Nature of soil.

Whether each lot is level.

Elevation of each above water line.

If there is a building on any of the lots, and whether wood or brick; and for what purpose it has been used.

Full dimensions of building, including height of same, thickness of walls, size of rooms, whether more than one floor.

Whether building in good repair.

When sending me this information, please return Blue Print with the position of each lot clearly marked on it.

It is not at all necessary that the lot for our Central Station should be located on a prominent street where property is in great demand, and consequently very expensive. We desire a lot as near the centre of lighting as possible, and such a lot can usually be obtained in a back street or alley where property as a rule is comparatively cheap.

Please reply as promptly as possible, as it is impossible for me to proceed with the estimate until I receive the above referred to information.

Yours truly,

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END

68

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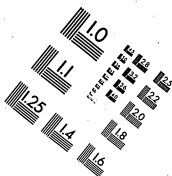
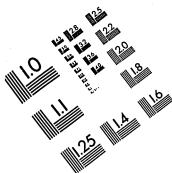
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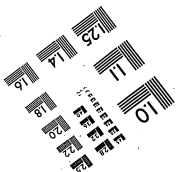
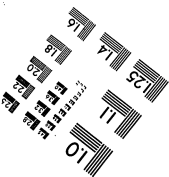
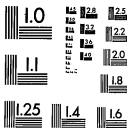
MS303-1980



Centimeter



Inches



In order to ascertain the present condition of the property, the following telegram was sent:

*Charles Waldeyer,
Cherokee, Cal.*

New York, January 2d, 1880.

*Telegraph exact amount of and days work in
November, clean up.*

*EDWARD BATES DORSEY,
President.*

To this the following reply was received:

Edward Bates Dorsey,

Cherokee, January 3d, 1880.

*Pres. United States Mining Investment Co.,
New York.*

*Seventy days run. Eighty thousand seven hundred
ninety-one dollars.*

CHAS. WALDEYER.

This is more than enough to pay 14 per cent. per month on \$2,000,000, as owing to the thorough condition of the plant the expenses are very light. It is expected this amount will be largely increased on the consolidation of the property after the purchase, and more than doubled after twelve months.

ADDENDA.

The following is a letter just received.

CHEROKEE, BUTTE CO., CAL.
January 11, 1880.

EDWARD BATES DORSEY, ESQ.,
President United States Mining Investment Company,
NEW YORK.

DEAR SIR:

I enclose a letter from Mr. Abbey, who is a reliable man, in regard to yield of bottom gravel in Cherokee Mine. His estimate of yield is very good; in fact much better than I anticipated, and there should be a considerable profit in working it.

HAMILTON SMITH, JR., M. E.

CHEROKEE, JAN. 10, 1880.

HAMILTON SMITH, ESQ.,
DEAR SIR,

During your examination of the property of the "Spring Valley Mining and Irrigating Company," I understood you to say that it was very unsatisfactory to you to undertake to make a correct report of a mine where no measurement of the ground had been taken, nor separate accounts kept of the yield of the different strata.

During my residence here of five years our sluices have been too high to allow of working the lower strata on the main land, until within a few days of your arrival, when you will doubtless recollect we had a branch cut which entered the bottom of the gravel, and that there we began to clean off the bedrock, preparatory to erecting a derrick, with which to handle the larger boulders with greater facility; here Mr. Harris worked off a block of ground and washed it, separate from any other, down said branch-cut and sluice, and after squaring up the bank so as to accurately measure, he cleaned up the product and handed me the following report: "1466 cubic yards of blue gravel on bedrock yielded \$10,220, or \$8.76 per cubic yard from 122 feet of flume."

The depth of the gravel at this point, you will remember, was about six feet and contained a large percentage of boulders, which, of course, were all measured with the gravel.

This is a part of and a little east of the centre of the ground mentioned by Mr. Stretch, as a dark-green and blue gravel left in the pit.

The cut which you saw and 112 feet of the branch sluice was all that could be cleaned up; the gold was of a coarse quality and a good deal corroded.

Considerable of the rusty gold must have passed to the main sluices, and after being scooped as it passed down, was amalgamated and caught in the main sluices and under-currents, making the product of this lower rocky strata more than \$20 per cubic yard.

Having felt a deep interest in the value of this almost untried lower deposit, I thought that you might also be gratified on learning the result.

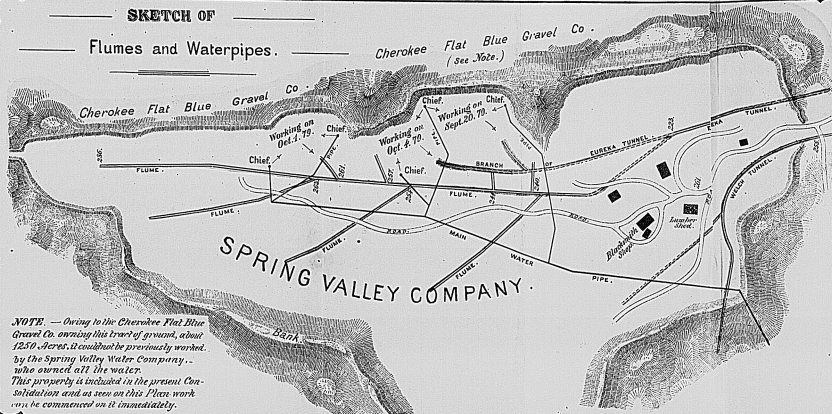
Yours truly,

RICHARD ABBEY.

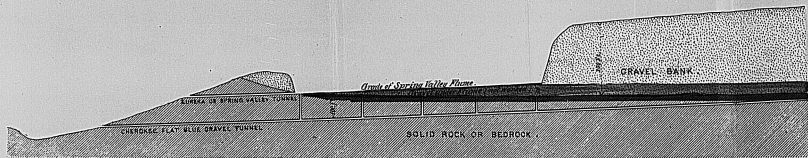
It will be noticed, by referring to Mr. Stretch's report, that he gives the estimated yield at \$5.00 per cubic yard, while by Mr. Abbey's actual working test the yield was \$8.76 per cubic yard.

SKETCH OF

Flumes and Waterpipes.



NOTE. — Owing to the Cherokee Flat Blue Gravel Co. owning this tract of ground, about 1250 Acres, it could not be previously worked by the Spring Valley Water Company, who owned all the water. This property is included in the present Consolidation and as seen on this Plan work can be commenced on it immediately.

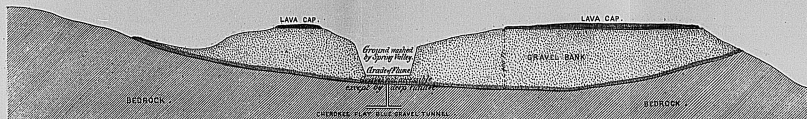


North.

South.

— North and South longitudinal Section of Gravel banks. —

(Scale = 250 Feet per Inch.)



East.

East and West Cross section of Gravel banks.

West.

(Scale = 500 Feet per Inch.)

EDWARD BATES DORSEY, President
JOHN J. ANDREWS, Vice President
SAMUEL A. PIERCE, Cashier
W. S. COLEMAN, Treasurer
A. FORTER HIGGINS, Vice President
ARTHUR C. WILSON, Secretary

SAMUEL A. ANDREWS, Cashier
W. S. COLEMAN, Treasurer
A. FORTER HIGGINS, Vice President
ARTHUR C. WILSON, Secretary



New York Jan 21st 1880

Prof. T. A. Edison
Manila

My dear Sir -

My brother has sent to me
the enclosed "lands" from the
Red Bank Mine on the Mercedes
River Cas. Stating that there
are large quantities, and asking
me to have it examined and
let me know what value there is
in it. Will you oblige me at
your leisure to examine it & let me
know your opinion. It may be rich enough
to pack to the Edison Mill in your reply
will oblige you very truly,
I. Robinson

Don't send me a thimbleful
of Concentration get your
brother to fill a 2. lb.
bag of flour panning down
a full miners pan on
your mercer claim &
send it by mail ~~to~~
so I can see what
it looks like.

EDWARD BATES, GEORGE B. BAKER, JR.
HENRY AMSCHEVER, Vice Pres.
JAMES D. FISH, Cashier
W. H. GIBSON, Sec. & Treas.
A. BROWN, H. BROWN, Wm. Pratt
ARTHUR P. WILLMARTH, J. G. Pratt

SAMUEL A. WHEELWRIGHT, Secy
Geo. S. BROWN, JR., Cash
E. JONES, Treasurer



New York, Feb 9th 1880

Prof. P. A. Edison

Mexico. } My dear Sir -

I have my two brothers from California here, (both representatives) whom I think you will be pleased to meet & who desire to meet with you that I want to bring to Mexico some day ^{or} ~~that~~ ^{will} ~~desire~~ with your approval - please to let me know when such will please you & I will endeavor to conform to ^{your} wishes - assuring you & them of an interesting interview I am

Yours very truly
J. Robinson

OFFICE OF
CHAS. GIMLAY & SON
ROOM 22
NO 312 STOCK EXCHANGE PLACE
Philadelphia May 26 1875

Dear Sir

Am requested
by the U.S. Mining Ind. Co. to
address you in copy of the
Prospectus of the Eastern Metallurgical
Co. and am

Very truly
Yours
Chas. Gimlay

Vice Presidents.
HENRY HAVEMEYER
JAMES D. FISK
W. P. GUYTON
A. FOSTER HIGGINS
ARTHUR F. WILLMARTH.

EDWARD BATES DORSEY
President.

H. B. LAIDLAW, Treasurer.
SAM'L A. WHEELER, Secretary.
GEO. BENTLEY, Cashier.
Capital,
\$10,000,000.

OFFICE OF
United States Mining Investment Co.
GILBERT ADWAY.
INCORPORATED UNDER THE LAWS OF THE STATE OF CALIFORNIA.
ORGANIZED TO EXAMINE AND RECOMMEND DIVIDEND PAYING MINES.

New York, April 16th 1880

F. A. Edman Esq
of

My brother Wm. L. L. Robinson
has just rec^d from the North Bloomfield Mine
some black sands, for which he has been waiting
before doing business of the pleasure of carrying up for
me. It is agreeable to you to have me come
to Toledo on Thursday next?

Wm. L. L. Robinson

Vice Presidents.
HENRY HANZHEVER
JAMES FISH
W. H. GUIDO
A. FOSTER HIGGINS
ARTHUR F. WILLMARTH.

EDWARD BATES DORSEY,
President.

H. B. LAIDLAY, Treasurer
SAM A. WHEELWRIGHT, Secretary
GEOBERT B. BROWN, Cashier
W. H. HARRIS, Auditor



New York, April 26th 1880

My dear Sir -

I have to cast this a. m. too late
to come today (Tuesday) - My letter was for
Thursday, will be convenient, if so through
one or more (collect) -

Yours truly,
J. T. Roberson

EDWARD BAKER CORREY, President
HENRY BAKER, Treasurer
JOHN C. BAKER, Secretary
W. H. BAKER, Vice President
A. BAKER, Assistant Secretary
ARTHUR P. WILLIAMS, General Manager

OFFICE OF

United States Mining Development Co.

GENERAL ADWAY.

New York, April 22^d 1880

J. A. Edison Esq

My dear Sir

I am pleased
to see my brother Mr. L. Robinson of
Coe, who with some friends made you
a visit at Geneseeport in my cell to
see me and look for business and
friends. The same courtesy that I have
met with and with appreciation.

You will know my brother as probably
the largest representative of Hyatt's
Mining interests in the world, and
probably can give you further infor-
mation than you already have, as that
is your important subject.

UNITED STATES MINING INVESTMENT CO.

61 Broadway,

New York, July 10th, 1880.

To the Stockholders of the Spring Valley Hydraulic Gold Company:

GENTLEMEN:

A periodical statement of the condition of the mine will be furnished you from this time forward.

We now beg to advise you that the first clean-up under the new organization will commence about the middle of this month, and will occupy not less than ten days, so that a dividend will be declared about the end of July, notice of which will be duly furnished.

When the property passed into the hands of the Company, it was hoped and expected that the clean-up would be made in the month of June; but the delay incident to the changes necessarily made under the new consolidation, have prevented us from realizing these expectations without detriment to the real interests of the stockholders.

The change in the location of the hydraulic works, the addition of new monitors, the removal of and addition to the old flumes and sluices, and, more than all, the condition in which the property was left by the former owners, involved so much dead work as to render it desirable to postpone the clean-up until the time indicated above. As the property is now in full working order, no further delay will occur, and we anticipate hereafter an improvement on the present clean-up, whatever that may be. What it *may* be we can only roughly estimate, under advices from our engineers and Superintendent Waldeyer, but presume it will not fall short of \$90,000 gross, from which are to be deducted the extraordinary expenses incident to the changes made and the addition of new machinery, as well as the opening of the tunnel for the purpose of reaching the rich deposit of blue gravel lying on the bed-rock, which tunnel has already been located, and will be vigorously pushed, so that we hope to inform you of its completion early next year.

This brief statement will be followed by another, advising you of the result of the clean-up, about the end of the month.

S. A. WHEELWRIGHT,

Secretary.

Vice President,
HENRY HAVENRYER,
JAMES G. FISH,
W. C. BROWN,
A. FOSTER HIGGINS,
ARTHUR F. WILLIAMS.

EDWARD BATES DORSEY,
PRESIDENT.

H. B. LAIDLAW, Treasurer,
SAMUEL WHEELWRIGHT,
JOHN
GOURDET BROS.
NEW YORK & PLAINFIELD

United States Mining Investment Co.

OF
THE
GIBBERDWAY.

INCORPORATED UNDER THE LAWS OF THE STATE OF NEW YORK.
ORGANIZED TO EXAMINE AND RECOMMEND DIVIDED PAYSING MINES.

New York July 10th 1880.

J. A. Edison Esq.
Menlo Park, N. J.

My dear Sir

Allow me to introduce to your notice & consideration the Daily Mining News, a copy of which I send you by this mail. Also a few slips showing the interest the Mining News takes in the above Company & its mines. The Mining News is a joint stock Company, and I am desirous of placing some of the stock in good investment hands. Mr. E. B. Dorsey has taken 2,000 shares our Secy Mr. Wheelwright 400 shares Mr. J. P. Robinson 500 shares & others more or less including Geo. D. Roberts 1,000 shs. I shall be pleased to have you also as one of my stockholders & believe it will be a good ten per cent in-

vestment to you, & be of great
service to you individually
among many of your valuable
inventions. I expect your friend
Messrs. Lewis will also be
come one of my stockholders.
I am only going to sell 5,000
shares more, as it is all we
shall part with at \$2.00 per
share. I shall be pleased to
have you take any part of
said block of stock.

Very truly yours
A. C. Brown

My dear Sir
I have the pleasure to inform you
that the stock of the
company has been sold at
the price of \$2.00 per share
and the proceeds of the sale
are being distributed to the
shareholders. I am glad to
hear that you are interested
in the company and I hope
you will be able to purchase
some shares. I am, Sir,
Very truly yours,
A. C. Brown

HYDRAULIC GOLD MINING

THE HIBROCKE-FLAT CALIFORNIA GRAVEL DEPOSITS.

THE FARMERS' AND MINERS' ASSOCIATION OF CALIFORNIA.
HARBERT-INTERVIEW WITH EZEKIEL WALKER.

From the Boston Herald.

"The first great gold deposits of California, that of the Blue Gravel, are the Spring Valley, which have been known for many years, and have yielded a large amount of gold. Two companies—the Cherokee and the Blue Gravel—have been mining and treating the deposits of these lands, which, however, have recently been consolidated under the name of 'The Spring Valley Hydraulic Company,' the stock of which has recently been placed upon the eastern market. Learning that Mr. Charles Walker, of the Superintendent of the Cherokee Company, a gentleman who has been connected with the development of these deposits for several years, arrived in Boston yesterday, the Herald went upon him with a view of asking for information which might be of interest to many persons in this section.

"You are familiar with the gravel deposits of California, Mr. Walker?"

"I am, but more especially with those of British county, on Cherokee flat. I have been connected with the hydraulic mining business of this section since the last 11 years.

"What are the facts in regard to the deposits in that section?"

"The area of the Blue Gravel Company's property, which lies along about that of the Spring Valley, is 2500 acres, and that of the Spring Valley 235 acres, making in all over 1,000 acres of alluvial deposits containing gold which is now mined by the consolidated company."

"What is the character of these deposits?"

"The drift material on the property varies in thickness or depth from 100 to 400 feet—that is above bed rock, which is in three distinct strata in the dip, as follows: The lower or blue gravel land, which is from ten to twenty feet in thickness, and the richest of the deposits, and will yield from \$5 to \$15 in gold to the ton. Above this is a dark yellow deposit, from five to fifteen feet in thickness, known as the rotten-bowl stratum, which gives about \$2.50 to \$3 of gold to the ton. Above this is a stratum of fine quartz gravel, from 75 to 300 feet in thickness, which contains considerable quantities of gold. Let me here explain to you, that while the Cherokee Valley Company has washed nearly 100 acres of its property, which has yielded nearly \$50,000 to the acre, the lower or blue gravel stratum on this area, which contains far more than the upper strata, has not, as yet, been practically touched. They have only been permitted to reach the lower deposit, and, from what we have already told, it is apparent to you, that the thickness, it promises an immense yield. A short time ago a branch was cut which entered the bottom of the gravel, and the work of clearing off the bed rock preparatory to treating a district was begun. This district is intended to handle the large boulders, so frequently met with in hydraulic mining, and is a piece of black gravel was washed of all wash, with the following result: 1,150 cubic yards of blue gravel, on the hill rock, yielded, \$10,000, or \$8.75 per cubic yard. The depth of gravel at this point was 10 feet, and contained a large percentage of boulders, which were all measured with the gravel, which would not, therefore, be likely to give an indication of the maximum yield of the stratum in question. The gold found here was of a coarse quality and good deal corroded; and it was estimated that so much of it was called very gold must have passed to the main sluices, where it was amalgamated, that the actual yield was fully 100 per centable gold."

"With a knowledge of these and other facts connected with these deposits, what would you estimate would be obtained from each acre of the 1200?"

"I should say that the yield would be from \$100,000 to \$200,000 per acre of the whole property."

"At the lowest of your figures that would give a total of \$120,000,000. The company claim a yield of only \$60,000,000. Is that correct?"

"The company is very greatly within bounds in its estimate, in my opinion; but that is its policy, not mine. I speak from an intimate knowledge of the results which have already been obtained. It is a magnificent property, yielding only a millionth of water to develop it into an immensely paying enterprise. This is now a law, and with the 100 miles of sluices, 450 acres of reservoir, and a damming ground of 3000 acres for tailings, as well as the advantage of being able to work by lightning sluices by the Edison mining process, and also its surplus water, it would rank as the purveyor for a very profitable business, and much better than that of any other mining enterprise known to our modern-day industry."

"By the consolidation of the companies the work which has been done by it is made extensive. Among these is the Cherokee Flat blue gravel tunnel, which will be completed in less than a year, and by which the best paying gravel will be reached. Then the yield of gold, which is now large, will be immense. It is not, sure to estimate the total net amount of gold that may be realized from the working of these deposits, but it might be brought in to a million a year, and operations will pass away before you are not exhausted."

"Will you tell me something of the history of this enterprise?"

"Mr. S. H. Bretton, M. E., has given it in his report of Oct. 10, 1879, which I hereby quote for you, knowing it to be correct, for I was Superintendent of the Cherokee Company before its consolidation with the

Spring Valley. The work done on the claims was in 1850 the Cherokee Company started a deep bed-rock tunnel to open its access to a drifting channel, and finished the work about April 20th, 1853, which tunnel was in a distance of 3,400 feet, and work had stopped. When resuming in the spring of 1861, an Indian was started almost directly above the end of the old tunnel, and in May, 1870, had penetrated the hill about eight hundred feet, following the bed-rock, and proving the existence of what is known as the blue lead under Table Mountain. The results were very wet, and suffered severely by the heavy blazes in the adjacent workings of the Spring Valley Company, that it had to be abandoned. And from that time no work has been done on the claim. During the consolidation the two claims had each been worked in a small way by small streams of water with low pressure, until that event extensive water-courses were planned and built, and since February, 1875, the daily supply of water has been 1,510 inches, equal to nearly nine million cubic feet. As a consequence, the company at once produced abundant results. The Spring Valley ground was opened by the Welch and Eureka tunnels, neither of which permit the working of the lower or bed-rock stratum of blue gravel, which, as I explained to you, is the richest of all."

"Of the gross amount of gold realized there for six years, has been clear profit?"

"The deposits have been worked for the past 25 or 30 years and it is estimated, that, even to February, 1879, a sum of over \$150,000,000 of gold was taken out, at what expense cannot be definitely ascertained. During the five years and nine months that followed ending in October, 1878, the gross product was \$2,564,547.57, the expense of extracting which was \$744,556.76, leaving the net profits \$1,820,000.61. There were paid in dividends during this time \$485,000."

"Why were not better dividends declared?"

"From the fact that the company in this time purchased bonds to the extent of over \$500,000, and mining claims to the amount of \$100,000, besides paying for the construction of the water works, a sum of over \$425,000, nearly the whole of these large sums have been taken out of the profits."

"Is not a decrease in the yearly production of the mine since 1874. How is it accounted for?"

"I agree with Mr. Bretton, that it is due to the fact that, year by year, they have been working a larger and larger proportion of top gravel on account of their inability to reach the bed rock. In the attempt to do this, the grade of the sluices has been diminished, thus lessening their carrying capacity, and involving an increase in the labor account. This defect can now be remedied by the completion of the Cherokee Flat Blue Gravel Deep Tunnel, which is 100 feet below bed-rock, where it will strike the channel, and requires to be run 500 feet to the dam. The last 800 feet is constructed on alluvial ground of 1 to the 100 feet, while the first 200 feet will have to be cut down five feet at the mouth to bring it to the same grade. The whole tunnel will draw to be enlarged from 247 feet to four feet square, and the modification and enlargement, together with the work necessary to complete it, will cost, it is estimated, nearly \$35,000."

"You have abundance of water?"

"Mr. Bretton estimates that the capacity of the water works may be easily set out at 800,000 cubic per minute, without touching the best supply, and I fully agree with him. The reservoir near the mine are numerous, and not located so far to the west of the future mining operations."

"You spoke of Edison's milling process being likely to be put up and worked at the Spring Valley Company's tailings dumps. How soon this?"

"Mr. Edison's great plan is to do this work, and discovered the existence of platinum in abundance. He also discovered in the fine black sand immensurable microscopic diamonds. I may add that small diamonds have been found on the ground. Two samples of the black sand were analyzed in the flames in large quantities were sent to Mr. Edison to be tested by him for platinum, each sample being 25 pounds in weight. On the whole, the result is about the same after extracting the amalgam; the other the same material after it was tested in the same way, and gave the results was at the rate of \$1750 and \$500 per ton of 2500 pounds of gold, respectively. These results show that the mine may be made a source of profit, and to secure them in quantity it requires only a little more labor in clearing up, the additional cost being immaterial."

"What has been accomplished in this matter?"

"An \$100,000 contract has been made with Mr. Edison, an representative of the Edison Ore and Milling Company, to work the tailings and debris of the mine, which has hitherto been made matter, by which the Spring Valley Company will receive one-third of all the precious metals and minerals saved free of charge. This, if the project of the Edison Company is as feasible as it is confidently claimed to be, may yield the Spring Valley Company a very handsome yearly income."

"You are really convinced, then, that the Cherokee has so rich a deposit as its claims to contain?"

"Certainly I do. I have no doubt about it, whatever. The past history of the district will prove it. Let me tell you about the location of the flat. It occurs under a plateau known as the Rancho (Indian name), or Butte County Table mountain, extending for a distance of about eight miles from Cherokee Flat on the north, to Thompson's Flat on the south, having a width from two to four miles. It is bounded on the west by the Sacramento Valley, and on the south, east and

north, by Pyralis Valley, and by the mountains of the north. The width of the plateau is about 100 miles, and the surface is level, and the soil is very fertile. The water is abundant, and the climate is very healthy. The gold is found in the gravel, and is of a very fine quality. The mine is now being worked, and it is expected that it will yield a large amount of gold in the future."

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ENCLOSURE

A MINING COMPANY WITH ALL THE SAFEGUARDS

There are mines everywhere about the Spring Valley Hydraulic Gold Mining Company that are worthy of consideration still must command the attention of investors in the first place the period of the operation is remarkable. We do not see how it could be improved upon. It combines all the elements of business expediency, safety and success. So far as the standing of a body of trustees can inspire confidence in a corporation, the Spring Valley Company have secured all that is possible. Following is a list of the directors: Charles M. Fry, President National Bank of New York, 48 Wall street; A. Foster Higgins, U. S. Lloyd's Marine Insurance, 20 Wall street; W. S. Nichols, Proprietor Boston, 101½ Broadway; James W. Silimont, agent of the Associated Press, 110 Broadway; Edward Bates Dorsey, mining engineer, of Broadway; Edward A. Flint, consulting engineer, Boston, Mass.; W. S. Nichols, of W. S. Nichols & Co., 33 Wall street, New York; Benjamin G. Arnold, of B. G. Arnold & Co., 100 Front street; and Henry M. Faber, of C. & H. M. Faber, 141 Nass street.

Mr. E. B. Dorsey, President of the Company, was one of the first of the old California mine operators to recognize that destiny had marked New York as the mining center of the country, and for over a year he has been active in promoting mining enterprises, notably the Leadville and the Chrysolite. Mr. Dorsey is a practical miner as well as an experienced business man, and he knows as well as any man in the United States what a mine is worth and what it can do.

The property of the Spring Valley Company also gives strong assurance of the company's success. Col. H. C. Wood, President of the Green Mountain company, stated to the writer a few days ago that the Spring Valley mine was doubtless as valuable as any hydraulic property he had ever seen. He had been all over it, saw his records and believed it to be unexcelled by any property of his class. His statement is referred to as showing the standing of the property, being well-informed, conservative and uninterested in it. The full report of the United States Mining Commission, employed by the United States Mining Reclamation Company to examine the property, goes on to say that he is satisfied as to its ability to pay dividends, and that it is a guarantee, in fact.

Thus it is seen that some of the strongest property owned by the Spring Valley Company are a body of directors, capable for financial strength, and possessing some and experience in mining property of silver and gravel value far in excess of the speculation which is an improvement under other conditions and with capable mining engineers. It seems that it has secured all that is possible in the way of conservative and experienced trustees.

SPRING VALLEY HYDRAULIC
A Splendid Lead Developing - Every-thing Working Well.

Edwards Bates Dorsey, Esq., President Spring Valley Hydraulic Gold Company, New York;
Dean Sax - A splendid lead of blue and gray pay gravel develops as we advance in our deep cut up Saw Mill mine, giving a new and unexpected, but all the more encouraging feature in our mine. We have reached now the point, thank the Lord, where we can make money every day and develop our mine at the different points to the same capacity, and get the better of the dead work of striping, laying of new sluice grades, etc. A regular routine is established, enabling us to extract gold from our sluices monthly, and eliminate every three or four months by a general and sweeping clean up. Work in all branches progresses well. Our shafts will be ready in another day, and we are delayed only by the want of power, which has not arrived in the promised time.

A new kind of cheap and effective power still has been invented by a German named Hilsman. We will not mention his name about its adaptability in a few days. The gravel lead in Saw Mill mine proves to be continuous, running from Sugar Loaf into Minn Talle Mountain, along the side of the old Blue Gravel Lead. Our new tunnel will be deep enough for all considerations. However I think we can work the new lead with our present grade.

I hope the New York Tribune will learn my recent good news. The California gold and gem in our mining district.

Very truly yours,
Charles W. Silimont, Secy.

A STRONG COMBINATION.

The Spring Valley Hydraulic Gold Company Complete in Organization - A Model Board of Directors.

The Spring Valley Hydraulic Gold Company was incorporated this week with the following trustees: Charles M. Fry, President National Bank of New York; A. Foster Higgins, U. S. Lloyd's Marine Insurance; B. M. Puffer, proprietor Boston Herald; James W. Silimont, agent of the Associated Press; Edward Bates Dorsey, mining engineer; Edward A. Flint, consulting engineer, Boston, Mass.; W. S. Nichols, of W. S. Nichols & Co., New York; Benjamin G. Arnold, of B. G. Arnold & Co., and Henry M. Faber, of C. & H. M. Faber.

The Spring Valley Hydraulic Gold Company was placed in the market under the endorsement and patronage of the United States Mining Reclamation Company. The board of trustees named above is certainly all that could be desired. The men are wealthy and influential, and representative of the best elements of New York's financial strength. If expert reports on mining property can be depended upon, and if solid men in a directory guarantee safe management, it would seem that the Spring Valley Company had met all the requirements called for by the most conservative investors. It is stated that nearly all the stock has been subscribed for, and the natural demand will in a few days absorb the remainder.

Spring Valley Hydraulic Gold Company.

Charles W. Silimont, Secy.
Edwards Bates Dorsey, Esq., President Spring Valley Hydraulic Gold Company. Dean Sax - I can only report to-day that we work rapidly ahead in Saw Mill Mine in a splendid bed of pay gravel, which seems to improve as we go ahead. The progress in the other parts of our mine is equally satisfactory, and will count well for our future. If you will give us time till July 1st, to work our mine, I am sure to make as fine a show as ever was made. It would be a great pity just now to disturb our profitable work, and tear up the paying of our sluice-boxes, which were only laid a few weeks ago. Hold on to your stock in the Spring Valley, and let not a share go. It is the best investment in a hydraulic mine I know of. Mr. Silimont will have telegraphed you that. I wish you could be here now and see how promising everything looks. Your confidence in the mine would be stronger in spite of malice or ignorance. I have been sober in my statements, but strictly correct, and all I want is to get a report early in so large an operation as our mine surely is. Efficient men govern here, promptness to the second, like on a man-of-war, hard luck and honest industry, and all this, combined with an excellent mine, will not win. I will do penance for the balance of my life. Very truly yours,
Charles W. Silimont, Secy.

The Spring Valley Hydraulic Gold Company's advance are progressing satisfactorily, and the letter of the proprietors printed to-day will be interesting and pleasant reading for the stockholders.

We are too busy If you will
Come down with a Carpenter &
will furnish ^{New York} Sept 14th 1880.
Every facility for you
Prof Thomas A. Gordon.
Crestland Park N. J.

Dear Sir,

Mr Robinson, and
Mr Nichols, of the board of Directors
of the Spring Valley Mining Co. have
here for California on Monday week.
Their purpose is as I am informed
to inspect the mine and report
upon it. I am extremely anxious
to go to California while they
are here for the purpose of setting
up and testing my mining ap-
paratus on a large working
scale. I am however very
desirous of having you test it
as we have agreed upon before
during so. I invite you to ask
you if it would not be possible
for you to have the apparatus

made and tested within the next three or four days.

I know of course that you are very much driven with your other operations and I am very reluctant to put you to any inconvenience in regard to this.

I am however so thoroughly convinced that it will be a perfect success, and will be so valuable an adjunct to your process of handling ore, that I want to lose no time in getting it into operation before winter sets in. I shall be greatly obliged if you will kindly let me know when it will probably be ready. I will come out any day if I can be of any service in preparing it.

Truly Yrs
W. P. Barwell

EDWARD BATES OSNEY, President.
HENRY HAVENNER, Vice-Prest.
JAMES D. FIFE, Cashier.
W. H. BEARD, Secy. at Law.
A. FOSTER HOBBS, Vice-Prest.
ARTHUR F. WILLMARTH, Vice-Prest.

OFFICE OF
United States Mining Investment Co.
651 BROADWAY.
ORGANIZED FOR THE BUYING AND SELLING OF DIVIDEND PAYING MINES.

SAMUEL A. WHEELWRIGHT, Secy.
JNO. T. BARKER, Asst. Secy.
T. L. JONES, Treasurer.

New York Dec 7th 1879.

J. A. Edinies Esq.

Wm. B. Park, N. Y.

Dear Sir,

In reference to the deposit
of ledgers we have at date of our previous agreement
I beg to say, that so soon as you affirmations are
so far advanced as to form a definite basis for
a formal contract, I shall be pleased to enter
into negotiations for same, assuring you that
the preference will always be given to yourself
as our interests in the matter are identical.

My only hesitation in making such contract now
is want of available data as which to base same.
If however you desire to replicate such contract
as we can now negotiate with the Edinies or Mining
Co. I do not have no objection to doing so & as
further evidence of my good faith I will add
that I will enter into no contract with any other party
in reference to the ledgers already accounted for a period
of 12 months, thus allowing time to reflect any conditions you
may be desiring in. Very truly
Edward Bates Osney, Pres.

00

NY 17 1900

Edith Dorsey

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54

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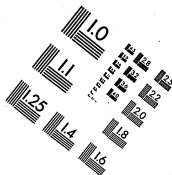
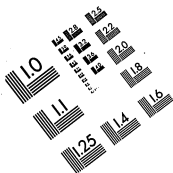
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